

# Index.

## AUTHORS.

### A

Adelglass, J., Cantor, J. O., Cerreta, J. M., Kancherla, P. L. and Samara, M. — Collision Tumor of the Frontal Sinus: Evidence of Prior Intranasin Instillation of Thorotrust. . . . . 798  
Adkins, W. Y. and Osguthorpe, J. D. — Management of Canal Stenosis with a Transposition Flap. . . . . 1267  
Afzelius, L.-E., Elmquist, D., Hougaard, K., Laurin, S., Nilsson, B. and Risberg, A. M. — Sleep Apnea Syndrome — An Alternative Treatment to Tracheostomy. . . . . 285  
Albrektsson, T., Tjellström, A., Lindström, J., Nylén, O., Bränemark, P.-I., Birgersson, B., Nero, H. and Sylvén, C. — Bone Anchored Auricular Episthesis. . . . . 811  
Allen, G. W. and Siegel, G. J. — Sublabial Approach for Extensive Nasal and Sinus Resection. . . . . 1635  
Althaus, S. R. — Perilymph Fistulas. . . . . 538  
Althaus, S. R. — Surgery on the Only-Hearing-Ear. . . . . 765  
Ambrus, P. S., Eavey, R. D., Baker, A. S., Wilson, W. R. and Kelly, J. H. — Management of Nasal Septal Abscess. . . . . 575  
Anderson, C. W. and Stevens, M. H. — Synchronous Involvement of Both Ears and the Larynx in a Patient with Active Pulmonary Disease. . . . . 906  
Anderson, R., Diehl, J., Maravilla, K., Fancher, J. and Schaefer, S. — CAT with Air Contrast of the CPA and Internal Auditory Canal. . . . . 1083  
Anderson, R. G., Schaefer, S. D., Buchholz, R. W., Jones, R. E. and Carder, H. M. — Treatment of Transpharyngeal Missile Wounds to the Cervical Spine. . . . . 146  
Appling, D. and Miller, R. H. — Mycobacterial Cervical Lymphadenopathy: 1981 Update. . . . . 1259  
Archer, C. R., Sagel, S. S., AufderHeide, J. F., Aronberg, D. J. and Stanley, R. J. — High Resolution Computed Tomography in the Staging of Carcinoma of the Larynx. . . . . 292  
Archibald, R. W. R., Levine, P. A., Wiggins, R. and Britt, R. — Ossifying Fibroma of the Head and Neck: Involvement of Temporal Bone. . . . . 720  
Ardito, J. A., Gavron, J. P. and Curtis, A. W. — Necrotizing Sialometaplasia. . . . . 1176  
Armstrong, R. B. — Cutaneous Aids in the Diagnosis of Oral Ulcers. . . . . 31  
Aronberg, D. J., Sagel, S. S., AufderHeide, J. F., Stanley, R. J. and Archer, C. R. — High Resolution Computed Tomography in the Staging of Carcinoma of the Larynx. . . . . 292  
Atkins, J. P., Jr., Keane, W. M., Wetmore, R. and Vidas, M. — Epidemiology of Head and Neck Cancer. . . . . 2037  
Attia, E., Jackson, B. S. and Rosenthal, L. — Laryngeal Lymphoscintigraphy. . . . . 2085  
AufderHeide, J. F., Sagel, S. S., Aronberg, D. J., Stanley, R. J. and Archer, C. R. — High Resolution Computed Tomography in the Staging of Carcinoma of the Larynx. . . . . 292  
Austin, D. F. — Polytomography in Meniere's Disease: An Update. . . . . 1669  
Aviel, A., Ostfeld, E. and Pelet, D. — Malignant External Otitis: The Diagnostic Value of Bone Scintigraphy. . . . . 960  
Avron, J., Joachims, H. Z. and Eliachar, I. — Tympanostomy T-Tube Inserter. . . . . 472  
Ayani, N., Shea, J. and Gerbe, R. — Craniometaphyseal Dysplasia. The First Successful Surgical Treatment for Associated Hearing Loss. . . . . 1369

### B

Baars, F., van Broek, P., van den Cremers, C. and Veldman, J. — Familial Non-Chromaffin Paragangliomas (Glomus Tumors): Clinical Aspects. . . . . 988

Babitz, L., Sasaki, C. T. and Kauer, J. S. — Tinnitus: Development of a Neurophysiologic Correlate. ....	2018
Bailey, C. M. and Windle-Taylor, P. C. — Tuberculous Laryngitis: A Series of 37 Patients. ....	83
Bailey, H. A. T., Jr., DuVall, M. D. and Caparosa, R. J. — Sensorineural Hearing Loss in the Otosclerotic Unoperated-On Ear. ....	197
Bailey, H. A. T., Pappas, J. J. and Graham, S. S. — Small Fenestra Stapedectomy. ....	1308
Bailey, H. A. T., Jr., Pappas, J. J., McCrew, R. N. and Graham, S. S. — Homograft Septal Cartilage for Attic Support in Intact Canal Wall Tympanomastoidectomy and Tympanoplasty. ....	1457
Baker, A. S., Ambrus, P. S., Eavey, R. D., Wilson, W. R. and Kelly, J. H. — Management of Nasal Septal Abscess. ....	575
Balkany, T. J. — Identifying the Lumen of the Endolymphatic Sac. ....	2129
Ballenger, J. J. — Some Effects of the Respired Environment on the Nose. ....	1622
Barber, H. O. and Leliever, W. C. — Recurrent Vestibulopathy. ....	1
Barnes, E. L., Myers, E. N. and Schramm, V. L., Jr. — Management of Inverted Papilloma of the Nose and Paranasal Sinuses. ....	2071
Bartal, A. H., Ben-David, J., Fradis, M. and Podoshin, L. — Plasmacytoma Arising in the Vicinity of a Foreign Body in the Nasal Cavity. ....	1150
Bartles, L. J. and Sheehey, J. L. — Total Obliteration of the Mastoid, Middle Ear, and External Auditory Canal. A Review of 27 Cases. ....	1100
Bassiouni, A. — Perichondritis of the Auricle. ....	422
Baylin, G., Finn, D. G. and Hudson, W. R. — Unilateral Polyposis and Mucoceles in Children. ....	1444
Belson, T. P., Lehman, R. H., Toohill, R. J. and Grossman, T. W. — Rhinitis Medicamentosa. ....	1614
Ben-David, J., Fradis, M., Podoshin, L. and Bartal, A. — Plasmacytoma Arising in the Vicinity of a Foreign Body in the Nasal Cavity. ....	1150
Bernard, P. A. — Freedom from Ototoxicity in Aminoglycoside Treated Neonates: A Mistaken Notion. ....	1985
Bickmore, J. T. — Vasomotor Rhinitis — An Update. ....	1600
Biller, H. F., Blitzer, A., Lawson, W., Zak, F. G. and Som, M. L. — Clinical-Pathological Determinants in Prognosis of Fibrous Histiocytomas of the Head and Neck. ....	2053
Biller, H. F. and Lawson, W. — Staged Tracheal Reconstruction. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. ....	217
Biller, H. F., Shugar, J. M. A., Som, P. M. and Eisman, W. — Non-Traumatic Cerebrospinal Fluid Rhinorrhea. ....	114
Binder, W. J., Parkes, M. L. and Kamer, F. M. — Mentoplasty — A Clinical Analysis of Alloplastic Implants. ....	383
Birck, H. G. and Lantz, J. H. — Surgical Correction of Choanal Atresia in the Neonate. ....	1629
Björgersson, B., Tjellström, A., Lindström, J., Nylen, O., Albrektsson, T., Bränemark, P.-I., Nero, H. and Sylvén, C. — Bone-Anchored Auricular Epithesis. ....	811
Bizel, J., Spahn, J. G., Ferguson, S. and Lingeman, R. E. — Identification of the Motor Laryngeal Nerves — A New Electrical Stimulation Technique. ....	1865
Black, F. O., Deeb, Z. L., Rotenberg, D. and McIntyre, J. — Radiographic Temporal Bone Template as an Aid in Vestibular Nerve Section. ....	649
Blitzer, A., Lawson, W., Zak, F. G., Biller, H. F. and Som, M. L. — Clinical-Pathological Determinants in Prognosis of Fibrous Histiocytomas of the Head and Neck. ....	2053
Block, A. J., Taasan, V., Wynne, J. W. and Block, A. J. — Effect of Nasal Packing on Sleep Breathing and Nocturnal Oxygen Desaturation. ....	1163
Bluestone, C. E. and Cantekin, E. I. — Management of the Patulous Eustachian Tube. ....	149
Bogdasarian, J., Healy, G. B., Di Troia, J., Shapshay, S. M. and Strong, M. S. — A Sliding Chest Wall Flap for the Management of Advanced Laryngeal Carcinoma with Anterior Cervical Skin Invasion. ....	644

Bond, W. R., Jr., Herrod, H. G. and Duberstein, L. E. — Hereditary Angioedema: Association with IgA Deficiency and Otolaryngologic Disorders. ....	416
Bone, R. C. — Myocutaneous Flaps: Strategy for Utilization. ....	735
Booth, J. B. and Miglets, A. W. — Cholesterol Granuloma Presenting as an Isolated Middle Ear Tumor. ....	410
Boulos, E. J. and Haar, J. G. — Primary Hyperparathyroidism and Laryngeal Carcinoma: A Cause of Associated Hypercalcemia. ....	1937
Brackmann, D. E., Mangham, C. A. and Carberry, J. N. — Management of Intratemporal Vascular Tumors. ....	867
Brandenburg, J. H. and Lee, C. Y. S. — IXth Nerve in Radical Neck Surgery. ....	1851
Brand-Zawadski, M., Rowe, L. D. and Miller, E. — Computed Tomography in Maxillo-facial Trauma. ....	745
Bränemark, P.-I., Tjellström, J., Lindström, J., Nylen, O., Albraktsson, T., Birgersson, B., Nero, H. and Sylvén, C. — Bone-Anchored Auricular Epithesis. ....	811
Bratcher, G. O., Kaplan, R., Freeman, D., Seid, A. B. and Cotton, R. — Liposarcoma of the Neck. ....	1375
Bray, D. A., Eichel, B. S. and Kaplan, H. J. — Overall Management of Salivary Gland Disorders. ....	504
Britt, R., Levine, P. A., Wiggins, R. and Archibald, R. W. R. — Ossifying Fibroma of the Head and Neck: Involvement of Temporal Bone. ....	720
Brockman, S. J. — Method of Reconstruction or Preservation of External Auditory Canal. ....	883
Broek, P. van den, Baars, F. van, Cremers, C. and Veldman, J. — Familial Non-Chromaffinic Paragangliomas (Glomus Tumors): Clinical Aspects. ....	988
Brook, I. — Aerobic and Anaerobic Bacterial Flora of Normal Maxillary Sinuses. ....	372
Brook, I. — Aerobic and Anaerobic Bacteriology of Adenoids in Children: A Comparison Between Patients with Chronic Adenotonsillitis and Adenoid Hypertrophy. ....	377
Brook, I. — Aerobic and Anaerobic Bacteriology of Cholesteatoma. ....	250
Brookhouser, P. E. and Kimberling, W. J. — Biochemical and Cytogenetic Techniques for the Study of Communication Disorders. ....	238
Brown, L. A. — Epitympanum-Attic Irrigation. ....	1561
Bryarly, R. C., Sweet, R. M., Kornblut, A. D. and Corio, R. L. — Recurrent Cementifying Fibroma of the Jaws. ....	1137
Buchholz, R. W., Schaefer, S. D., Jones, R. E., Anderson, R. G. and Carder, H. M. — Treatment of Transpharyngeal Missile Wounds to the Cervical Spine. ....	146
Buckingham, R. A. — Cholesteatoma and Chronic Otitis Media Following Middle Ear Intubation. ....	1450
Burde, R. M., Spector, G. J. and Smith, P. G. — Selective Facial Neurectomy for Essential Blepharospasm. ....	1896
Burres, S. A., Cohn, A. M. and Mathog, R. H. — Repair of Orbital Blowout Fractures with Marlex Mesh and Gelfilm. ....	1881

## C

Calcaterra, T. C. and Maceri, D. R. — Aerodigestive Dysfunction Secondary to Thyroid Tumors. ....	701
Campbell, C., Sapir, S. and Larson, C. — Effect of Geniohyoid, Cricothyroid and Sternohyoid Muscle Stimulation in Voice Fundamental Frequency of Electrically Elicited Phonation in Rhesus Macaque. ....	457
Cantekin, E. I. and Bluestone, C. E. — Management of the Patulous Eustachian Tube. ....	149
Cantor, J. O., Adelglass, J., Cerreta, J. M., Kancherla, P. L. and Samara, M. — Collision Tumor of the Frontal Sinus: Evidence of Prior Intrasinus Instillation of Thorotrast. ....	798
Cantrrell, R. W., Johns, M. E., Winn, H. R. and McLean, W. C. — Pericranial Flap for the Closure of Defects of Craniofacial Resections. ....	952

Caparosa, R. J., DuVall, M. D. and Bailey, H. A. T., Jr. — Sensorineural Hearing Loss in the Otosclerotic Unoperated-On Ear. ....	197
Carberry, J. N., Mangham, C. A. and Brackmann, D. E. — Management of Infratemporal Vascular Tumors. ....	867
Carder, H. M., Schaefer, S. D., Buchholz, R. W., Jones, R. E. and Anderson, R. G. — Treatment of Transpharyngeal Missile Wounds to the Cervical Spine. ....	146
Cassisi, N., Taasan, V., Wynne, J. W. and Block, A. J. — Effect of Nasal Packing on Sleep Breathing and Nocturnal Oxygen Desaturation. ....	1163
Cassisi, N. J. and Million, R. R. — Radical Irradiation for Carcinoma of the Pyriform Sinus. ....	439
Catlin, F. I. — Pulmonary Complications of Tonsillectomy as Originally Described by Samuel J. Crowe, M.D. ....	52
Cerreta, J. M., Cantor, J. O., Adelglass, J., Kancherla, P. L. and Samara, M. — Collision Tumor of the Frontal Sinus: Evidence of Prior Intrasinus Instillation of Thorotrast. ....	798
Chandler, J. R., Maniglia, A. J., Goodwin, W. J., Jr. and Flynn, J. — Rare Complications Following Ethmoidectomies: A Report of Eleven Cases. ....	1234
Clark, G. M., Tong, Y. C. and Martin, L. F. A. — A Multiple-Channel Cochlear Implant: An Evaluation Using Open-Set CID Sentences. ....	628
Clemis, J. D., Mastricola, P. G. and Schuler-Vogler, M. — Contralateral Ear in Acoustic Tumors and Hearing Conservation. ....	1792
Cohn, A. M., Burres, S. A. and Mathog, R. H. — Repair of Orbital Blowout Fractures with Marlex Mesh and Gelfilm. ....	1881
Comegys, T. H., Thalmann, R., DeMott, J. E. and Thalmann, I. — Steep Gradients of Amino Acids Between Cochlear Endolymph and Perilymph. ....	1785
Conley, J. and Sachs, M. E. — The Pinch Scissors Technique for Motor Nerve Dissection. ....	822
Conley, J. and Selfe, R. W. — Occult Neoplasms in Facial Paralysis. ....	205
Cooper, M. H., Friedman, W. H., Katsantonis, C. P. and Lee, J. M. — Stylohamular Dissection: A New Method for En Block Resection of Malignancies of the Infratemporal Fossa. ....	1869
Copp, J. C., McClure, J. A. and Lycett, P. — Recovery Nystagmus in Ménière's Disease. ....	1727
Corio, R. L., Sweet, R. M., Bryarly, R. C. and Kornblut, A. D. — Recurrent Cementifying Fibroma of the Jaws. ....	1137
Cotton, R., Kaplan, R., Bratcher, G. O., Freeman, D. and Seid, A. B. — Liposarcoma of the Neck. ....	1375
Cotton, R. T., Richardson, M. A. and Seid, A. B. — Management of Combined Advanced Glottic and Subglottic Stenosis in Infancy and Childhood. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. ....	221
Cremers, C., Baars, F. van, Broek, P. van den, and Veldman, J. — Familial Non-Chromaffin Paragangliomas (Glomus Tumors): Clinical Aspects. ....	988
Crissman, J. D., Gluckman, J. L., McDonough, J., Donegan, J. O., Fullen, W. and Shumrick, D. A. — The Free Jejunal Graft in Head and Neck Reconstruction. ....	1887
Croft, C. B., Sprintzen, R. J. and Rakoff, S. J. — Patterns of Velopharyngeal Valving in Normal and Cleft Palate Subjects: A Multi-View Videofluoroscopic and Nasendoscopic Study. ....	265
Cross, J. P., Jr.: Otomastoid Cholesteatomas with Intact Eardrum. ....	1145
Crummey, R. L., Horn, K. L. and Schindler, R. A. — Facial Neurilemmomas. ....	1326
Cummings, C. W. and Duckert, L. G. — The Temporalis Myofascial Dynamic Sling. ....	1963
Cummings, C. W., Larson, S. M., Dobie, R. A., Weymuller, E. A., Jr., Rudd, T. G. and Merello, A. — Assessment of Cobalt 57 Tagged Bleomycin as a Clinical Aid in Staging Head and Neck Carcinomas. ....	529
Curtis, A. W., Gavron, J. P. and Ardito, J. A. — Necrotizing Sialometaplasia. ....	1176
Cvetnić, S., Cvetnić, V. and Grbac, I. — Temporary Artificial Obstruction of the Nose and Changes in Gas Exchange in the Blood. ....	1001

Cvetnić, V., Cvetnić, S. and Grbac, I. — Temporary Artificial Obstruction of the Nose and Changes in Gas Exchange in the Blood. ....	1001
Czernobilsky, B., Ostfeld, E. and Segal, M. — Malignant External Otitis: Early Histopathologic Changes and Pathogenic Mechanism. ....	965
<b>D</b>	
Daly, J. F., Goodman, R. S. and Valensi, Q. — Heterotopic Salivary Tissue and Branchial Cleft Sinus. ....	260
Davidson, T. M., Hoffman, H. T. and Fierer, J. — Effect of Hemolyzed Erythrocytes in the Virulence of <i>E. Coli</i> and of Normal Human Oral Flora in a Mouse Model. ....	910
Davis, H., Jacobs, J. R., Levine, L. A., Lefrak, S. S., Druck, N. S. and Ogura, J. H. — Posterior Packs and the Nasopulmonary Reflex. ....	279
Davis, W. E., Templer, J., Hast, M. and Thomas, J. R. — Congenital Laryngeal Stridor Secondary to Flaccid Epiglottis, Anomalous Accessory Cartilages and Redundant Aryepiglottic Folds. ....	394
Davis, W. E., Templer, J., Renner, G. and Thomas, J. R. — Modification of the Abbe-Estlander Flap for Defects of the Lower Lip. ....	153
Davis, W. E., Templer, J. and Thomas, J. R. — A Rotation Flap for Low Posterior Auralicular Defects. ....	826
Dedo, H. H., Woodhouse, R. J., Quivey, J. M., Fu, K. K., Sien, P. S. and Phillips, T. L. — Treatment of Carcinoma of the Vocal Cord. A Review of 20 Years Experience. ....	1155
Deeb, Z. L., Rotenberg, D., McIntyre, J. and Black, F. O. — Radiographic Temporal Bone Template as an Aid in Vestibular Nerve Section. ....	649
DeMott, J. E., Thalmann, R., Comegys, T. H. and Thalmann, I. — Steep Gradients of Amino Acids Between Cochlear Endolymph and Perilymph. ....	1785
Deykin, D., Jubelirer, S. J. and Goodloe-Greens, L. — Autoimmune Thrombocytopenic Purpura-Like Syndrome in a Patient with Head and Neck Cancer. ....	408
Di Bartolomeo, J. R. — Argon and CO <sub>2</sub> Lasers in Otolaryngology: Which One, When, and Why? .... Suppl. No. 26, Sept.	1981
Dickins, J. R. E., Glasscock, M. E., III and Wiet, R. — Cholesteatoma in Children. ....	1743
Dickson, R. I. — Nasopharyngeal Carcinoma: An Evaluation of 209 Patients. ....	333
Diehl, J., Anderson, R., Maravilla, K., Fancher, J. and Schaefer, S. — CAT with Air Contrast of the CPA and Internal Auditory Canal. ....	1083
Di Troia, J., Bogdasarian, J., Healy, G. B., Shapshay, S. M. and Strong, M. S. — A Sliding Chest Wall Flap for the Management of Advanced Laryngeal Carcinoma with Anterior Cervical Skin Invasion. ....	644
Dobben, G. D., Valvassori, G. E. and Mafee, M. F. — Evaluation of the Regional Blood Circulation of the Hindbrain by Dynamic Computed Tomography. ....	1695
Dobie, R. A., Cummings, C. W., Larson, S. M., Weymuller, E. A., Jr., Rudd, T. G. and Merello, A. — Assessment of Cobalt 57 Tagged Bleomycin as a Clinical Aid in Staging Head and Neck Carcinomas. ....	529
Donald, P. J. — Surgical Rehabilitation Following Anterior Resection for Oral Cavity Carcinoma. ....	1941
Donaldson, J. A. — Meatoplasty. ....	1754
Donegan, J. O., Gluckman, J. L., McDonough, J., Crissman, J. D., Fullen, W. and Shumrick, D. A. — The Free Jejunal Graft in Head and Neck Reconstruction. ....	1887
Dormer, K. J., Richard, G. L., Hough, J. V. D. and Nordquist, R. — The Use of Rare-Earth Magnet Couplers in Cochlear Implants. ....	1813
Doyle, T. J., Miller, M. H., and Geier, S. R. — Acoustic Neurinoma in a Population of Noise Exposed Workers. ....	363
Druck, N. S., Jacobs, J. R., Levine, L. A., Davis, H., Lefrak, S. S. and Ogura, J. H. — Posterior Packs and the Nasopulmonary Reflex. ....	279
Duberstein, L. E., Bond, W. E., Jr., and Herrod, H. G. — Hereditary Angioedema: Association with IgA Deficiency and Otolaryngologic Disorders. ....	416

Duckert, L. G. and Cummings, C. W. — The Temporalis Myofascial Dynamic Sling . . . . .	1963
Dudley, J. P. and Martin, W. J. — Bronchoscopy as an Aid in the Diagnosis of Pneumonia in Pediatric Immunocompetent Patients . . . . .	1379
Duvall, A. J., III, Foster, C. A., Lyons, D. P. and Letson, R. D. — Medial Canthoplasty: Early and Delayed Repair . . . . .	173
DuVall, M. D., Caparosa, R. J. and Bailey, H. A. T., Jr. — Sensorineural Hearing Loss in the Otosclerotic Unoperated-On Ear . . . . .	197

## E

Eavey, R. D., Ambrus, P. S., Baker, A. S., Wilson, W. R. and Kelly, J. H. — Management of Nasal Septal Abscess . . . . .	575
Eichel, B. S., Bray, D. A. and Kaplan, H. J. — Overall Management of Salivary Gland Disorders . . . . .	504
Eisman, W., Shugar, J. M. A., Som, P. M. and Biller, H. F. — Non-Traumatic Cerebrospinal Fluid Rhinorrhea . . . . .	114
Eliachar, I., Goldsher, M., Joachims, H. Z., Mordechovich, D. and Shohat, S. — Superiorly Based Tracheostomal Flap to Counteract Tracheal Stenosis . . . . .	976
Eliachar, I., Joachims, H. Z. and Avron, J. — Tympanostomy T-Tube Inserter . . . . .	472
Elmqvist, D., Afzelius, L-E., Hougaard, K., Laurin, S., Nilsson, B. and Risberg, A. M. — Sleep Apnea Syndrome — An Alternative Treatment to Tracheostomy . . . . .	285
Engelken, E. J., Olson, J. E. and Wolfe, J. W. — Responses to Low-Frequency Harmonic Acceleration in Patients with Acoustic Neuromas . . . . .	1270
Engelman, L. R., Waterfall, M. K. and Hough, J. V. D. — Results Following Cochlear Implantation and Rehabilitation . . . . .	1821
Ervin, T., Miller, D., Weichselbaum, R. and Fabian, R. L. — Differential Diagnosis of the Mass in the Neck. A Fresh Look . . . . .	140
Ervin, T. J., Weichselbaum, R. R., Miller, D., Kirkwood, J. and Frei, E., III. — Improved Survival for Patients with Advanced Carcinoma of the Head and Neck Treated with Methotrexate-Leucovorin Prior to Definitive Radiotherapy or Surgery . . . . .	1181
Espinosa, C. C., Montano, P. and Saba, S. R. — Laryngeal Tuberculosis . . . . .	110

## F

Fabian, R. L., Miller, D., Ervin, T. and Weichselbaum, R. — Differential Diagnosis of the Mass in the Neck. A Fresh Look . . . . .	140
Fan, L. L. and Flynn, J. W. — Laryngoscopy in Neonates and Infants: Experience with the Flexible Fiberoptic Bronchoscope . . . . .	451
Fancher, J., Anderson, R., Diehl, J., Maravilla, K. and Schaefer, S. — CAT with Air Contrast of the CPA and Internal Auditory Canal . . . . .	1083
Farrior, B., Kampsen, E. and Farrior, J. B. — The Positive Pressure of Cholesterol Granuloma Idiopathic Blue Eardrum . . . . .	1286
Farrior, J. B., Farrior, B. and Kampsen, E. — The Positive Pressure of Cholesterol Granuloma Idiopathic Blue Eardrum . . . . .	1286
Fassett, R. L. and McNulty, J. S. — Syphilis: An Otolaryngologic Perspective . . . . .	889
Ferguson, S., Spahn, J. G., Bizal, J. and Lingeman, R. E. — Identification of the Motor Laryngeal Nerves — A New Electrical Stimulation Technique . . . . .	1865
Fierer, J., Hoffman, H. T. and Davidson, T. M. — Effect of Hemolyzed Erythrocytes in the Virulence of <i>E. Coli</i> and of Normal Human Oral Flora in a Mouse Model . . . . .	910
Finn, D. G., Hudson, W. R. and Baylin, G. — Unilateral Polyposis and Mucoceles in Children . . . . .	1444
Flynn, J., Maniglia, A. J., Chandler, J. R. and Goodwin, W. J., Jr. — Rare Complications Following Ethmoidectomies: A Report of Eleven Cases . . . . .	1234
Flynn, J. W. and Fan, L. L. — Laryngoscopy in Neonates and Infants: Experience with the Flexible Fiberoptic Bronchoscope . . . . .	451

Foster, C. A., Duvall, A. J., III, Lyons, D. P. and Letson, R. D. — Medial Canthoplasty: Early and Delayed Repair. ....	173
Fradis, M., Ben-David, J., Podolsin, L. and Bartal, A. H. — Plasmacytoma Arising in the Vicinity of a Foreign Body in the Nasal Cavity. ....	1150
Freeman, D., Kaplan, R., Bratcher, G. O., Seid, A. B. and Cotton, R. — Liposarcoma of the Neck. ....	1375
Freeman J. — Failures in Surgery for Stapedial Otosclerosis. ....	1245
Freeman, R. B., Marks, J. E., Lee, F., Zivnuska, F. R. and Ogura, J. H. — Carcinoma of the Oral Tongue: A Study of Patient Selection and Treatment Results. ....	1548
Freeman, R. B. and Sobol, S. M. — Rhomboid to W-Plasty Technique for Lesions of the Nasal Dorsum. ....	475
Frei, E., III, Ervic, T. J., Weichselbaum, R. R., Miller, D. and Kirkwood, J. — Improved Survival for Patients with Advanced Carcinoma of the Head and Neck Treated with Methotrexate-Leucovorin Prior to Definitive Radiotherapy or Surgery. ....	1181
Freidberg, S. R. and Hybels, R. L. — Transseptal Approach to the Sphenoid Sinus. ....	1754
Friedman, W. H., Katsantonis, G. P., Cooper, M. H. and Lee, J. M. — Stylohamular Dissection: A New Method for En Bloc Resection of Malignancies of the Infratemporal Fossa. ....	1869
Frost, J. O., Plasse, H. M. and Mittleman, M. — Unilateral Sudden Hearing Loss after Open Heart Surgery: A Detailed Study of Seven Cases. ....	101
Fu, K. K., Woodhouse, R. J., Quivey, J. M., Sien, P. S., Dedo, H. H. and Phillips, T. L. — Treatment of Carcinoma of the Vocal Cord. A Review of 20 Years Experience. ....	1155
Fugate, J. S. and Schlossberg, D. — Retropharyngeal Cellulitis. ....	1738
Fujimaki, Y., Sugita, R., Kawamura, S., Ichikawa, G. and Goto, S. — Studies on Anaerobic Bacteria in Chronic Otitis Media. ....	816
Fujitani, T., Ogasawara, H., Mizojiri, G. and Hattori, H. — Clinical Prognostic Significance of the T-B Immunological Classification of Non-Hodgkin's Lymphomas. ....	125
Fullen, W., Gluckman, J. L., McDonough, J., Donegan, J. O., Crissman, J. D. and Shumrick, D. A. — The Free Jejunal Graft in Head and Neck Reconstruction. ....	1887
Fuller, A. M. — Evaluation and Management of Coagulation Disorders in Elective Surgical Patients. ....	1484

## G

Callia, L. J. and Johnson, J. T. — Incidence of Neoplastic vs. Inflammatory Disease in Major Salivary Gland Masses Diagnosed by Surgery. ....	512
Gantz, B. J. and Panje, W. R. — Trapezius Myocutaneous Island Flap. ....	1196
Gavron, J. P., Ardito, J. A. and Curtis, A. W. — Necrotizing Sialometaplasia. ....	1176
Gavron, J. P. and Shugar, M. A. — External Immobilization for Mandibular Reconstruction. ....	1016
Gebhart, D. R. — Tympanostomy Tubes in the Otitis Media Prone Child. ....	849
Geier, S. R., Miller, M. H. and Doyle, T. J. — Acoustic Neurinoma in a Population of Noise Exposed Workers. ....	363
Gerbe, R., Shea, J. and Ayani, N. — Craniometaphyseal Dysplasia. The First Successful Surgical Treatment for Associated Hearing Loss. ....	1369
Gilbert, L. M. and Westerman, S. T. — Non-Invasive Method of Qualitative and Quantitative Measurement of Drugs. ....	1536
Ginsberg, I. A., Hoffman, S. R., White, T. P. and Stinziiano, G. D. — Hearing Changes Following Stapedectomy: A Six Year Follow-Up. ....	87
Giordano, A. and Liston, S. L. — Tongue Release Using CO <sub>2</sub> Laser. ....	1010
Glasscock, M. E., III, Dickins, J. R. E. and Wiet, R. — Cholesteatoma in Children. ....	1743
Glasscock, M. E., III, Hughes, G. B., Josey, A. F., Jackson, C. G., Ray, W. A. and Sismanis, A. — Clinical Electroneurography: Statistical Analysis of Controlled Measurements in 22 Normal Subjects. ....	1834

Glasscock, M. E., III, Jackson, C. G. and Whitaker, S. R. — Argon Laser in Acoustic Tumor Surgery. ....	1405
Glasscock, M. E., III, Sanders, J. W., Josey, A. F. and Jackson, C. G. — Acoustic Reflex Test in Cochlear and Eighth Nerve Pathology Ears. ....	787
Gluckman, J. L., McDonough, J., Donegan, J. O., Crissman, J. D., Fullen, W. and Shumrick, D. A. — The Free Jejunal Graft in Head and Neck Reconstruction. ....	1887
Goetzinger, C. P., Karlsen, E. A. and Hassanein, C. P. — Effects of Age, Sex, Hearing Loss and Water Temperature on Caloric Nystagmus. ....	620
Gold, S., Shanon, E. and Himelfarb, M. Z. — Auditory Brain Stem Responses in Cerebellopontine Angle Tumors. ....	254
Goldbert, B., Schachern, P. A., Paparella, M. M., Goycoolea, M. and Schlievert, P. — Round Window Membrane Following Application of Staphylococcal Exotoxin: An Electron Microscopic Study. ....	2007
Goldsher, M., Eliachar, I., Joachims, H. Z., Mordechovich, D. and Shohat, S. — Superiorly Based Tracheostomal Flap to Counteract Tracheal Stenosis. ....	976
Goode, R. L. — Perilymph Hypertension and the Indirect Measurement of Cochlear Pressure. ....	1706
Goodloe-Greens, L., Jubelirer, S. J. and Deykin, D. — Autoimmune Thrombocytopenic Purpura-Like Syndrome in a Patient with Head and Neck Cancer. ....	408
Goodman, A. I., Kligerman, A. B., Ventry, I. M., Solangi, K. B. and Weseley, S. A. — Hearing Impairment Associated with Chronic Renal Failure. ....	583
Goodman, R. S., Daly, J. F. and Valensi, Q. — Heterotopic Salivary Tissue and Branchial Cleft Sinus. ....	260
Goodman, R. S., Mattel, S., Kaufman, D. and Grant, J. M. — Tuberculoma of the Nasopharynx. ....	794
Goodwin, W. J., Jr., Maniglia, A. J., Chandler, J. R. and Flynn, J. — Rare Complications Following Ethmoidectomies: A Report of Eleven Cases. ....	1234
Goto, S., Sugita, R., Kawamura, S., Ichikawa, G. and Fujimaki, Y. — Studies on Anaerobic Bacteria in Chronic Otitis Media. ....	816
Goycoolea, M., Schachern, P. A., Paparella, M. M., Goldbert, B. and Schlievert, P. — Round Window Membrane Following Application of Staphylococcal Exotoxin: An Electron Microscopic Study. ....	2007
Graham, M. D. and Knight, P. R. — Atelectatic Tympanic Membrane Reversal by Nitrous Oxide Supplemented General Anesthesia and Polyethylene Ventilation Tube Insertion. A Preliminary Report. ....	1469
Graham, S. S., Bailey, H. A. T. and Pappas, J. J. — Small Fenestra Stapedectomy. ....	1308
Graham, S. S., Pappas, J. J., Bailey, H. A. T., Jr. and McCrew, R. N. — Homograft Septal Cartilage for Attic Support in Intact Canal Wall Tympanomastoidectomy and Tympanoplasty. ....	1457
Granich, M. S. and Pilch, B. Z. — Necrotizing Sialometaplasia in the Setting of Acute and Chronic Sinusitis. ....	1532
Granich, M. S., Shugar, M. A. and Reardon, E. J. — The Otolaryngologic Presentation of Botulism. ....	121
Grant, J. M., Goodman, R. S., Mattel, S. and Kaufman, D. — Tuberculoma of the Nasopharynx. ....	794
Grbec, I., Cvjetnić, V. and Cvjetnić, S. — Temporary Artificial Obstruction of the Nose and Changes in Gas Exchange in the Blood. ....	1001
Grossman, T. W., Toohill, R. J., Lehman, R. H. and Belson, T. P. — Rhinitis Medicamentosa. ....	1614
Gudbrandsson, F. K., Meyerhoff, W. L. and Paparella, M. M. — Clinical Evaluation of Ménière's Disease. ....	1663
Guggenheim, P. — Indications and Methods for Performance of Osteoplastic — Obliterative Frontal Sinusotomy. Description of a New Method and Some Remarks upon the Present State of the Art of External Frontal Sinus Surgery. ....	927

## H

Haar, J. G. and Boulos, E. J. — Primary Hyperparathyroidism and Laryngeal Carcinoma: A Cause of Associated Hypercalcemia. .... 1937

Hagan, W. E. — Microneural Techniques for Nerve Grafting. .... 1759

Hahn, M. J. and Moon, C. N. Jr. — Primary Malleus Fixation: Diagnosis and Treatment. 1298

Hamaker, R. C. — Irradiated Autogenous Mandibular Grafts in Primary Reconstructions. 1031

Hambley, W. H., Kaseff, L. G. and Perkins, R. — Radiological Techniques for Small Acoustic Tumors — A Re-Evaluation. .... 63

Harris, J. P. and Penn, I. — Immunosuppression and the Development of Malignancies of the Upper Airway and Related Structures. .... 520

Hassanein, R. M., Karlsen, E. A. and Goetzinger, C. P. — Effects of Age, Sex, Hearing Loss and Water Temperature on Caloric Nystagmus. .... 620

Hasseltine, H. E. and Mastain, W. D. — High Frequency Conductive Hearing Loss. .... 599

Hast, M., Templer, J., Thomas, J. R. and Davis, W. E. — Congenital Laryngeal Stridor Secondary to Flaccid Epiglottis, Anomalous Accessory Cartilages and Redundant Aryepiglottic Folds. .... 394

Hattori, H., Ogasawara, H., Fujitani, T. and Mizojiri, G. — Clinical Prognostic Significance of the T-B Immunological Classification of Non-Hodgkin's Lymphomas. .... 125

Healy, G. B., Bogdasarian, J., Di Troia, J., Shapshay, S. M. and Strong, M. S. — A Sliding Chest Wall Flap for the Management of Advanced Laryngeal Carcinoma with Anterior Cervical Skin Invasion. .... 644

Healy, G. B., Simpson, G. T., II and McGill, T. I. J. — *Henophilus Influenzae* Type B Soft Tissue Infections of the Head and Neck. .... 17

Hearne, E. H., Mullen, B. M., Mattox, D. E. and Von Hoff, D. D. — Effect of Preoperative Adriamycin and Dihydroxyanthracenedione on Wound Healing. .... 1436

Hendershot, E. L., Wood, J. W. and Karnuta, M. A. — Central Auditory Battery Testing in Brain Stem Disease. .... 1801

Henley-Cohn, J. — New Technique for Insertion of Laryngeal Prostheses. .... 1957

Henley-Cohn, J. — Surgical Excision and Primary Reconstruction of a Moderate Size Tumor Involving the Nasal Tip and Dorsum. .... 306

Herrod, H. G., Bond, W. R., Jr. and Duberstein, L. E. — Hereditary Angioedema: Association with IgA Deficiency and Otolaryngologic Disorders. .... 416

Himelfarb, M. Z., Shanon, E. and Gold, S. — Auditory Brain Stem Responses in Cerebellopontine Angle Tumors. .... 254

Hoffman, H. T., Davidson, T. M. and Fierer, J. — Effect of Hemolyzed Erythrocytes in the Virulence of *E. Coli* and of Normal Human Oral Flora in Mouse Model. .... 910

Hoffman, S. R., Ginsberg, I. A., White, T. P. and Stiniano, G. D. — Hearing Changes Following Stapedectomy: A Six Year Follow-Up. .... 87

Hokanson, J. A., Leipzig, B. and Winter, M. L. — Cervical Nodal Metastases of Unknown Origin. .... 593

Holt, G. R. and Tinsley, P. P., Jr., M.D. — Peritonsillar Abscesses in Children. .... 1226

Horn, K. L., Crumley, R. L. and Schindler, R. A. — Facial Neurilemmomas. .... 1326

Hoshino, T., Ichimura, K., Nozue, M and Yano, J. — Bilateral Primary Malignant Neoplasms of the Maxillary Sinus: Report of a Case and Statistical Analysis of the Reports in Japan. .... 804

Hougaard, K., Afzelius, L-E., Elmquist, D., Laurin, S., Nilsson, B. and Risberg, A. M. — Sleep Apnea Syndrome — An Alternative Treatment to Tracheostomy. .... 285

Hough, J. V. D., Dorner, K. J., Richard, G. L. and Nordquist, R. — The Use of Rare-Earth Magnet Couplers in Cochlear Implants. .... 1813

Hough, J. V. D., Engelmann, L. R. and Waterfall, M. K. — Results Following Cochlear Implantation and Rehabilitation. .... 1821

House, H. P., Sheehy, J. L. and Nelson, R. A. — Revision Stapedectomy: A Review of 258 Cases. .... 43

Hudson, W. R., Finn, D. G. and Baylin, C. — Unilateral Polyposis and Mucoceles in Children. ....	1444
Hughes, G. B., Josey, A. F., Glasscock, M. E., III, Jackson, C. G., Ray, W. A. and Sismanis, A — Clinical Electroneurography: Statistical Analysis of Controlled Measurements in 22 Normal Subjects. ....	1834
Hunter, D and Kamer, F. M. — The Two Layer, Four Flap Rhytidectomy Technique. ....	829
Hybels, R. L. — Transillumination During Osteoplastic Frontal Sinusotomy. ....	1560
Hybels, R. L. and Friedberg, S. R. — Transseptal Approach to the Sphenoid Sinus. ....	1754

## I

Ichikawa, G., Sugita, R., Kawamura, S., Goto, S. and Fujimaki, Y. — Studies on Anaerobic Bacteria in Chronic Otitis Media. ....	816
Ichimura, K., Nozue, M., Hoshino, T. and Yano, J. — Bilateral Primary Malignant Neoplasms of the Maxillary Sinus: Report of a Case and Statistical Analysis of the Reports in Japan. ....	804
Ikuichiro, H., Nakashima, T., Makishima, K., Komiya, S. and Takela, K. — Local Immune System in the Developing Fetal Larynx. ....	398

## J

Jackson, B. S., Rosenthal, L. and Attia, E. — Laryngeal Lymphoscintigraphy. ....	2085
Jackson, C. G., Glasscock, M. E., III and Whitaker, S. R. — Argon Laser in Acoustic Tumor Surgery. ....	1405
Jackson, C. G., Hughes, G. B., Josey, A. F., Glasscock, M. E., III, Ray, W. A. and Sismanis, A. — Clinical Electroneurography: Statistical Analysis of Controlled Measurements in 22 Normal Subjects. ....	1834
Jackson, C. G., Sanders, J. W., Josey, A. R. and Glasscock, M. E., III — Acoustic Reflex Test in Cochlear and Eighth Nerve Pathology Ears. ....	787
Jacobs, J. R., Levine, L. A., Davis, H., Lefrak, S. S., Druck, N. S. and Ogura, J. H. — Posterior Packs and the Nasopulmonary Reflex. ....	279
Jaffe, B. F. — Are Water and Tympanotomy Tubes Compatible? ....	563
Jahrdoerfer, R. A. — Facial Nerve in Congenital Middle Ear Malformations. ....	1217
Joachims, H. Z., Eliachar, I. and Avron, J. — Tympanostomy T-Tube Inserter. ....	472
Joachims, H. Z., Eliachar, I., Goldsher, M., Mordechovich, D. and Shohat, S. — Superiorly Based Tracheostomal Flap to Counteract Tracheal Stenosis. ....	976
Johns, M. E., Winn, H. R., McLean, W. C. and Cantrell, R. W. — Pericranial Flap for the Closure of Defects of Craniofacial Resections. ....	952
Johnson, J. T. and Gallia, L. J. — Incidence of Neoplastic vs. Inflammatory Disease in Major Salivary Gland Masses Diagnosed by Surgery. ....	512
Johnson, P. E. and King, A. I. — Use of Radio-Isotope Scans in Preoperative Evaluation of Epidermoid Carcinoma of the Head and Neck. ....	1052
Jokinen, K., Palva, A. and Karja, J. — Cryocauterization in the Treatment of Subglottic Hemangioma in Infants. ....	78
Jones, R. E., Schaefer, S. D., Buchholz, R. W., Anderson, R. G. and Carder, H. M. — Treatment of Transpharyngeal Missile Wounds to the Cervical Spine. ....	146
Josey, A. F., Hughes, G. B., Glasscock, M. E., III, Jackson, C. G., Ray, W. A. and Sismanis, A. — Clinical Electroneurography: Statistical Analysis of Controlled Measurements in 22 Normal Subjects. ....	1834
Josey, A. F., Sanders, J. W., Glasscock, M. E., III and Jackson, C. G. — Acoustic Reflex Test in Cochlear and Eighth Nerve Pathology Ears. ....	787
Jubelirer, S. J., Goodloe-Greens, L. and Deykin, D. — Autoimmune Thrombocytopenic Purpura-Like Syndrome in a Patient with Head and Neck Cancer. ....	408
Juhn, S. K., Meyerhoff, W. L. and Paparella, M. M. — Clinical Application of Middle Ear Effusion Analyses. ....	1012

Jung, T. T. K. and Paparella, M. M. — Experience with Tympanoplasty for Atelectatic Ears.....	1472
<b>K</b>	
Kamer, F. M., Binder, W. J. and Parkes, M. D. — Mentoplasty — A Clinical Analysis of Alloplastic Implants .....	383
Kamer, F. M. and Hunter, D. — The Two Layer, Four Flap Rhinoplasty Technique ..	829
Kampsen, E., Farrior, B. and Farrior, J. B. — The Positive Pressure of Cholesterol Granuloma Idiopathic Blue Eardrum .....	1286
Kancherla, P. L., Cantor, J. O., Adelglass, J., Cerreta, J. M. and Samara, M. — Collision Tumor of the Frontal Sinus: Evidence of Prior Intranasal Instillation of Thorotrast ..	798
Kanodia, R. and Parkes, M. L. — Avulsion of the Upper Lateral Cartilage: Etiology, Diagnosis, Surgical Anatomy and Management .....	758
Kaplan, H. J., Eichel, B. S. and Bray, D. A. — Overall Management of Salivary Gland Disorders .....	504
Kaplan, R., Bratcher, G. O., Freeman, D., Seid, A. B. and Cotton, R. — Liposarcoma of the Neck .....	1375
Karja, J., Jokinen, K. and Palva, A. — Cryocauterization in the Treatment of Subglottic Hemangioma in Infants .....	78
Karja, J. and Nuutinen, J. — Bilateral Vocal Cord Paralysis Following General Anesthesia .....	83
Karlsen, E. A., Hassanein, R. M. and Goetzinger, C. P. — Effects of Age, Sex, Hearing Loss and Water Temperature on Caloric Nystagmus .....	620
Karnuta, M. A., Hendershot, E. L. and Wood, J. W. — Central Auditory Battery Testing in Brain Stem Disease .....	1801
Kaseff, L. G., Perkins, R. and Hambley, W. H. — Radiological Techniques for Small Acoustic Tumors — A Re-Evaluation .....	63
Katsantonis, G. P., Friedman, W. H., Cooper, M. H. and Lee, J. M. — Stylohamular Dissection: A New Method for En Block Resection of Malignancies of the Infratemporal Fossa .....	1869
Katsarkas, A. — Vestibular and Oculomotor Disturbances in Pathology of the Fourth Ventricle .....	71
Kauer, J. S., Sasaki, C. T. and Babitz, L. — Tinnitus: Development of a Neurophysiologic Correlate .....	2018
Kaufman, D., Goodman, R. S., Mattel, S. and Grant, J. M. — Tuberculoma of the Nasopharynx .....	794
Kawamura, S., Sugita, R., Ichikawa, G., Goto, S. and Fujimaki, Y. — Studies on Anaerobic Bacteria in Chronic Otitis Media .....	816
Kazan, R., Wiet, R. J. and Shambaugh, G. E., Jr. — A Holistic Approach to Meniere's Disease: Medical and Surgical Management .....	1647
Keane, W. M., Atkins, J. P., Jr., Wetmore, R. and Vidas, M. — Epidemiology of Head and Neck Cancer .....	2037
Kelly, J. H., Ambrus, P. S., Eavey, R. D., Baker, A. S. and Wilson, W. R. — Management of Nasal Septal Abscess .....	575
Kimberling, W. J. and Brookhouser, P. E. — Biochemical and Cytogenetic Techniques for the Study of Communication Disorders .....	238
King, A. I. and Johnson, P. E. — Use of Radio-Isotope Scans in the Preoperative Evaluation of Epidermoid Carcinoma of the Head and Neck .....	1052
Kirchner, F. R. — Suturing Techniques in Endolaryngeal Surgery .....	1860
Kirkwood, J., Ervin, T. J., Weichselbaum, R. R., Miller, D. and Frei, E., III — Improved Survival for Patients with Advanced Carcinoma of the Head and Neck Treated with Methotrexate-Leucovorin Prior to Definitive Radiotherapy or Surgery .....	1181
Kligerman, A. B., Ventry, I. M., Solangi, K. B., Goodman, A. I. and Weseley, S. A. — Hearing Impairment Associated with Chronic Renal Failure .....	583

Knight, P. R. and Graham, M. D. — Atelectatic Tympanic Membrane Reversal by Nitrous Oxide Supplemented General Anesthesia and Polyethylene Ventilation Tube Insertion. A Preliminary Report. ....	1469
Komiyama, S., Nakashima, T., Makishima, K., Takeda, K. and Ikuichiro, H. — Local Immune System in the Developing Fetal Larynx. ....	398
Kopstein, E. — Technique of Stapedectomy. ....	304
Kornblut, A. D., Sweet, R. M., Bryarly, R. C. and Corio, R. L. — Recurrent Cementifying Fibroma of the Jaws. ....	1137
Kosugi, T., Morimitsu, T., Okada, S., Matsumoto, I. and Takahashi, M. — Congenital Cricoid Stenosis. ....	1358
Kridel, R. W. H. and Wright, W. K. — External Septorhinoplasty. A Tool for Teaching and for Improved Results. ....	945
Kronschnabel, E. F. — Lymphoreticular Neoplasm in the Nose. ....	1595
Krueger, K., Wetmore, S. J. and Wesson, K. — The Singer-Blom Speech Rehabilitation Procedure. ....	1109
Kumar, A. — Diagnostic Advantages of the Torko Monothermal Differential Caloric Test. 1679	

## L

Lantz, J. H. and Birck, H. G. — Surgical Correction of Choanal Atresia in the Neonate. 1629	
Larrabee, W. F., Jr. and Sutton, D. — The Biomechanics of Advancement and Rotation Flaps. ....	726
Larson, C., Sapir, S. and Campbell, C. — Effect of Geniohyoid, Cricothyroid and Sternohyoid Muscle Stimulation in Voice Fundamental Frequency of Electrically Elicited Phonation in Rhesus Macaque. ....	457
Larson, S. M., Cummings, C. W., Dobie, R. A., Weymuller, E. A., Jr., Rudd, T. G. and Merello, A. — Assessment of Cobalt 57 Tagged Bleomycin as a Clinical Aid in Staging Head and Neck Carcinomas. ....	529
Laurin, N. and Zohar, Y. — Laryngeal Reconstruction by Composite Nasal Mucoseptal Graft after Partial Laryngectomy. Three Years Follow-Up. ....	609
Laurin, S., Afzelius, L.-E., Elmquist, D., Hougaard, K., Nilsson, B. and Risberg, A. M. — Sleep Apnea Syndrome — An Alternative Treatment to Tracheostomy. ....	285
Lawson, W. and Biller, H. F. — Staged Tracheal Reconstruction. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. ....	217
Lawson, W., Blitzer, A., Zak, F. G., Biller, H. F. and Som, M. L. — Clinical-Pathological Determinants in Prognosis of Fibrous Histiocytomas of the Head and Neck. ....	2053
Lechuse, F. L., Tiwari, R. M. and Snow, G. B. — Electroglossographic Studies of <i>Staphylofieri</i> Neoglottis. ....	971
Lee, C. Y. S. and Brandenburg, J. H. — IXth Nerve in Radical Neck Surgery. ....	1851
Lee, F., Marks, J. E., Freeman, R. B., Zivnuska, F. R. and Ogura, J. H. — Carcinoma of the Oral Tongue: A Study of Patient Selection and Treatment Results. ....	1548
Lee, F. and Ogura, J. H. — Maxillary Sinus Carcinoma. ....	133
Lee, J. M., Friedman, W. H., Katsantonis, G. P. and Cooper, M. H. — Stylohamular Dissection: A New Method for En Bloc Resection of Malignancies of the Infratemporal Fossa. ....	1869
Lefrak, S. S., Jacobs, J. R., Levine, L. A., Davis, H., Druck, N. S. and Ogura, J. H. — Posterior Packs and the Nasopulmonary Reflex. ....	279
Lehman, R. H., Toohill, R. J., Grossman, T. W. and Belson, T. P. — Rhinitis Medicamentosa. ....	1614
Leipzig, B., Winter, M. L. and Hokanson, J. A. — Cervical Nodal Metastases of Unknown Origin. ....	593
Leliever, W. C. and Barber, H. O. — Recurrent Vestibulopathy. ....	1
Letson, R. D., Duvall, A. J., III, Foster, C. A. and Lyons, D. P. — Medial Canthoplasty: Early and Delayed Repair. ....	173

Levine, P. A., Wiggins, R., Archibald, R. W. R. and Britt, R. — Assifying Fibroma of the berculosis: A Forgotten Entity .....	11
Levine, L. A., Jacobs, J. R., Davis, H., Lefrak, S. S., Druck, N. S. and Ogura, J. H. — Posterior Packs and the Nasopulmonary Reflex .....	279
Levine, P. A., Wiggins, R., Archibald, R. W. R. and Britt, R. — Ossifying Fibroma of the Head and Neck: Involvement of Temporal Bone .....	720
Lindström, J., Tjellström, A., Nylen, O., Albrektsson, T., Bränemark, P.-I., Birgersson, B., Nero, H. and Sylvén, C. — Bone-Anchored Auricular Epithesis .....	811
Lingeman, R. E., Spahn, J. G., Bizal, J. and Ferguson, S. — Identification of the Motor Laryngeal Nerves — A New Electrical Stimulation Technique .....	1865
Liston, S. L. and Giordano, A., Jr. — Tongue Release Using CO <sub>2</sub> Laser .....	1010
Love, J. T., Jr. and Waguestack, R. W. — Perilymphatic Fistulas .....	1118
Lowenthal, G. — Secondary Surgical Treatment of Intranasal Deformities of the Uni- lateral Cleft Palate Nose .....	1641
Lowry, L. D. — Artificial Larynges: A Review and Development of a Prototype Self-Con- tained Intra-Oral Artificial Larynx .....	1332
Luedke, D. W., Luedke, S. L. and McCabe, K. — Head and Neck Involvement with Malignant Histiocytosis (MH): Case Report and Literature Review .....	982
Luedke, S. L., Luedke, D. W. and McCabe, K. — Head and Neck Involvement with Malignant Histiocytosis (MH): Case Report and Literature Review .....	982
Lycett, P., McClure, J. A. and Copp, J. C. — Recovery Nystagmus in Ménière's Disease .....	1727
Lyons, D. P., Duval, A. J., III, Foster, C. A. and Letson, R. D. — Medial Canthoplasty: Early and Delayed Repair .....	173
Lyons, G. D., Owens, R. E. and Mouney, D. F. — Argon Laser Destruction of Cutaneous Telangiectatic Lesions .....	1322

## M

Maceri, D. R. and Calcaterra, T. C. — Aerodigestive Dysfunction Secondary to Thyroid Tumors .....	701
Maddox, H. E., III. — Surgery of the Endolymphatic Sac .....	1058
Mafee, M. F., Valvassori, G. E. and Dobben, G. D. — Evaluation of the Regional Blood Circulation of the Hindbrain by Dynamic Computed Tomography .....	1695
Makishima, K., Nakashima, T., Komiyama, S., Takeda, K. and Ikuichiro, H. — Local Im- mune System in the Developing Fetal Larynx .....	398
Mangham, C. A., Carberry, J. N. and Brackmann, D. E. — Management of Intratemporal Vascular Tumors .....	867
Maniglia, A. J., Chandler, J. R., Goodwin, W. J., Jr. and Flynn, J. — Rare Complications Following Ethmoidectomies: A Report of Eleven Cases .....	1234
Mann, D. G. and Pillsbury, H. C. — Correction of the "Right Hooked" Nose .....	1562
Mann, D. G. and Sasaki, C. T. — Tympanoplasty .....	1381
Maravilla, K., Anderson, R., Diehl, J., Fancher, J. and Schaefer, S. — CAT with Air Con- trast of the CPA and Internal Auditory Canal .....	1083
Marks, J. E., Lee, F., Freeman, R. B., Zivnuska, F. R. and Ogura, J. H. — Carcinoma of the Oral Tongue: A Study of Patient Selection and Treatment Results .....	1548
Martin, L. F. A., Clark, G. M. and Tong, Y. C. — A Multiple-Channel Cochlear Im- plant: An Evaluation Using Open-Set CID Sentences .....	628
Martin, W. J. and Dudley, J. P. — Bronchoscopy as an Aid in the Diagnosis of Pneumonia in Pediatric Immunosuppressed Patients .....	1379
Martin, W. M. and Shapiro, R. S. — Long Custom-Made Plastic Tracheostomy Tube in Severe Tracheomalacia .....	355
Mastricola, P. G., Clemis, J. D. and Schuler-Vogler, M. — Contralateral Ear in Acoustic Tumors and Hearing Conservation .....	1792

Mathog, R. H., Burres, S. A. and Cohn, A. M. — Repair of Orbital Blowout Fractures with Marlex Mesh and Gelfilm ..... 1881

Matsumoto, I., Morimitsu, T., Okada, S., Takahashi, M. and Kosugi, T. — Congenital Cricoid Stenosis ..... 1356

Matsumoto, Y. and Yanagihara, N. — Cholesteatoma in the Petrous Apex ..... 272

Mattel, S., Goodman, R. S., Kaufman, D. and Grant, J. M. — Tuberculoma of the Nasopharynx ..... 794

Mattox, D. E., Mullen, B. M., VonHoff, D. D. and Hearne, E. H. — Effect of Preoperative Adriamycin and Dihydroxyanthracenedione on Wound Healing ..... 1436

Mattox, D. E., Schramm, V. L., Jr. and Stool, S. E. — Acute Management of Laser-Ignited Intratracheal Explosion ..... 1417

May, M. — Bell's Palsy: Surgery Based upon Prognostic Indicators and Results ..... 2092

McCabe, K., Luedke, S. L. and Luedke, D. W. — Head and Neck Involvement with Malignant Histiocytosis (MH): Case Report and Literature Review ..... 982

McClure, J. A., Copp, J. C. and Lycett, P. — Recovery Nystagmus in Ménière's Disease ..... 1727

McDonough, J., Gluckman, J. L., Donegan, J. O., Crissman, J. D., Fullen, W. and Shumrick, D. A. — The Free Jejunal Graft in Head and Neck Reconstruction ..... 1887

McGee, T. M. — The Loose Wire Syndrome ..... 1478

McGill, T. I. J., Simpson, G. T., II and Healy, C. B. — Hemophilus Influenzae Type B Soft Tissue Infections of the Head and Neck ..... 17

McGrew, R. N., Pappas, J. J., Bailey, H. A. T., Jr. and Graham, S. S. — Homograft Septal Cartilage for Attic Support in Intact Canal Wall Tympanomastoidectomy and Tympanoplasty ..... 1457

McIntyre, J., Deeb, Z. L., Rotenberg, D. and Black, F. O. — Radiographic Temporal Bone Template as an Aid in Vestibular Nerve Section ..... 649

McLean, W. C., Johns, M. E., Winn, H. R. and Cantrell, R. W. — Pericranial Flap for the Closure of Defects of Craniofacial Resections ..... 952

McNulty, J. S. and Fassett, R. L. — Syphilis: An Otolaryngologic Prospective ..... 889

Merello, A., Cummings, C. W., Larson, S. M., Dobie, R. A., Weymuller, E. A., Jr. and Rudd, T. C. — Assessment of Cobalt 57 Tagged Bleomycin as a Clinical Air in Staging Head and Neck Carcinomas ..... 529

Meyerhoff, W. L., Juhn, S. K. and Paparella, M. M. — Clinical Application of Middle Ear Effusion Analyses ..... 1012

Meyerhoff, W. L., Paparella, M. M. and Gudbrandsson, F. K. — Clinical Evaluation of Ménière's Disease ..... 1663

Michelson, R. P. and Schindler, R. A. — Multichannel Cochlear Implant. Preliminary Results in Man ..... 38

Michelson, R. P. and Schindler, R. A. — Multichannel Cochlear Implant. Current Status and Future Developments ..... 886

Miglets, A. W. and Booth, J. B. — Cholesterol Granuloma Presenting as an Isolated Middle Ear Tumor ..... 410

Miller, D., Ervin, T., Weichselbaum, R. and Fabian, R. L. — Differential Diagnosis of the Mass in the Neck. A Fresh Look ..... 140

Miller, D., Ervin, T. J., Weichselbaum, R. R., Kirkwood, J. and Frei, E., III. — Improved Survival for Patients with Advanced Carcinoma of the Head and Neck Treated with Methotrexate-Leucovorin Prior to Definitive Radiotherapy or Surgery ..... 1181

Miller, E., Rowe, L. D. and Brandt-Zawadski, M. — Computed Tomography in Maxillofacial Trauma ..... 745

Miller, M. H., Doyle, T. J. and Geier, S. R. — Acoustic Neurinoma in a Population of Noise Exposed Workers ..... 363

Miller, R. H. and Appling, D. — Mycobacterial Cervical Lymphadenopathy: 1981 Update ..... 1259

Million, R. R. and Cassisi, N. J. — Radical Irradiation for Carcinoma of the Pyriform Sinus ..... 439

Mittleman, M., Passe, H. M. and Frost, J. O. — Unilateral Sudden Hearing Loss after Open Heart Surgery: A Detailed Study of Seven Cases. .... 101

Mizojiri, G., Ogasawara, H., Fujitani, T. and Hattori, H. — Clinical Prognostic Significance of the T-B Immunological Classification of Non-Hodgkin's Lymphomas. .... 125

Montano, P., Espinoza, C. G. and Saba, S. R. — Laryngeal Tuberculosis. .... 110

Moon, C. N., Jr. and Hahn, M. J. — Primary Malleus Fixation: Diagnosis and Treatment. 1298

Mordechovich, D., Eliachar, I., Goldsher, M., Joachims, H. Z. and Shohat, S. Superiorly Based Tracheostomal Flap to Counteract Tracheal Stenosis. .... 976

Morimitsu, T., Okada, S., Matsumoto, I., Takahashi, M. and Kosugi, T. — Congenital Cricoid Stenosis. .... 1356

Mouney, D. F., Lyons, G. D. and Owens, R. E. — Argon Laser Destruction of Cutaneous Telangiectatic Lesions. .... 1322

Mullen, B. M., Mattox, D. E., Von Hoff, D. D. and Hearne, E. H. — Effect of Preoperative Adriamycin and Dihydroxyanthracenedione on Wound Healing. .... 1436

Mustain, W. D. and Hasseltine, H. E. — High Frequency Conductive Hearing Loss. .... 599

Myers, E. N., Schramm, V. L., Jr. and Barnes, E. L. — Management of Inverted Papilloma of the Nose and Paranasal Sinuses. .... 2071

N

Nair, K. K. — Carotid Vascular Pain — A Simple Treatment. .... 605

Nakashima, T., Makishima, K., Komiya, S., Takeda, K. and Ikuichiro, H. — Local Immune System in the Developing Fetal Larynx. .... 398

Nassif, A. C. N. — New Device for Nasal Fixation of Foley Catheter. .... 1384

Neely, J. G. — Gross and Microscopic Anatomy of the Eighth Cranial Nerve in Relation to the Solitary Schwannoma. .... 1512

Nelson, R. A., Sheehy, J. L. and House, H. P. — Revision Stapedectomy: A Review of 258 Cases. .... 43

Nilsson, B., Afzelius, L-E., Elmquist, D., Hougaard, K., Laurin, S. and Risberg, A. M. — Sleep Apnea Syndrome — An Alternative Treatment to Tracheostomy. .... 285

Nero, H., Tjellström, A., Lindström, J., Nylen, O., Albrektsson, T., Bränemark, P.-I., Birgersson, B. and Sylvén, C. — Bone-Anchored Auricular Epithesis. .... 811

Nordquist, R., Dorner, K. J., Richard, G. L. and Hough, J. V. D. — The Use of Rare-Earth Magnet Couplers in Cochlear Implants. .... 1813

Norris, C. W. and Proud, G. O. — Spontaneous Return of Facial Motion Following Seventh Cranial Nerve Resection. .... 211

Norton, J. B., Seibert, R. W., Seibert, J. J. and Williams, D. — Recurrent Laryngeal Nerve Damage Following Formalin Infiltration of Ductus Arteriosus. .... 392

Nozue, M., Ichimura, K., Hoshino, R. and Yano, J. — Bilateral Primary Malignant Neoplasms of the Maxillary Sinus: Report of a Case and Statistical Analysis of the Reports in Japan. .... 804

Nuutinen, J. and Karja, J. — Bilateral Vocal Cord Paralysis Following General Anesthesia. .... 83

Nylen, O., Tjellström, A., Lindström, J., Albrektsson, T., Bränemark, P.-I., Birgersson, B., Nero, H. and Sylvén, C. — Bone-Anchored Auricular Epithesis. .... 811

O

O'Connor, A. F. and Shea, J. J. — Autophony and the Patulous Eustachian Tube. .... 1427

Ogasawara, H., Fujitani, T., Mizojiri, G. and Hattori, H. — Clinical Prognostic Significance of the T-B Immunological Classification of Non-Hodgkin's Lymphomas. .... 125

Ogura, J. H., Jacobs, J. R., Levine, L. A., Davis, H., Lefrak, S. S. and Druck, N. S. — Posterior Packs and the Nasopulmonary Reflex. .... 279

Ogura, J. H., Lee, F. — Maxillary Sinus Carcinoma. .... 133

Ogura, J. H., Marks, J. E., Lee, F., Freeman, R. B. and Zivnuska, F. R. — Carcinoma of the Oral Tongue: A Study of Patient Selection and Treatment Results. .... 1548

Ogura, J. H. and Thawley, S. E. — Use of the Hyoid Graft for Treatment of Laryngotracheal Stenosis. Panel Discussion: Management of Advanced Laryngotracheal Stenosis.	226
Okada, S., Morimitsu, T., Matsumoto, I., Takahashi, M. and Kosugi, T. — Congenital Cricoid Stenosis.	1356
Olson, J. E., Wolfe, J. W. and Engelken, E. J. — Responses to Low-Frequency Harmonic Acceleration in Patients with Acoustic Neuromas.	1270
Olson, N. R. — Nontuberculous Mycobacterial Infections of the Face and Neck — Practical Considerations.	1714
Osguthorpe, J. D. and Adkins, W. Y. — Management of Canal Stenosis with a Transposition Flap.	1267
Ossoff, R. H. and Sisson, G. A. — Lymphatics of the Floor of the Mouth and Neck: Anatomical Studies Related to Contralateral Drainage Pathways.	1847
Ostfeld, E., Aviel, A. and Pelet, D. — Malignant External Otitis: The Diagnostic Value of Bone Scintigraphy.	960
Ostfeld, E., Segal, M. and Czernobilsky, B. — Malignant External Otitis: Early Histopathologic Changes and Pathogenic Mechanism.	965
Owens, R. E., Lyons, G. D. and Mouney, D. F. — Argon Laser Destruction of Cutaneous Telangiectatic Lesions.	1322
Ozdamar, O. and Stein, L. — Auditory Brain Stem Response in Unilateral Hearing Loss.	565
<b>P</b>	
Palva, A., Jokinen, K. and Karja, J. — Cryoablation in the Treatment of Subglottic Hemangioma in Infants.	78
Palva, T. — An Alternative Way of Using TORP and PORP.	1960
Panje, W. R. and Gantz, B. J. — Trapezius Myocutaneous Island Flap.	1196
Paparella, M. M., Juhn, S. K. and Meyerhoff, W. L. — Clinical Application of Middle Ear Effusion Analyses.	1012
Paparella, M. M. and Jung, T. T. K. — Experience with Tympanoplasty for Atelectatic Ears.	1472
Paparella, M. M., Meyerhoff, W. L. and Gudbrandsson, F. K. — Clinical Evaluation of Ménière's Disease.	1663
Paparella, M. M., Schachern, P. A., Goycoolea, M., Goldbert, B. and Schievert, P. — Round Window Membrane Following Application of Staphylococcal Exotoxin: An Electron Microscopic Study.	2007
Pappas, D. G. — Rotary Chair Results in Comparison to ENG Findings.	1278
Pappas, J. J., Bailey, H. A. T. and Graham, S. S. — Small Fenestra Stapedectomy.	1308
Pappas, J. J., Bailey, H. A. T., Jr., McGrew, R. N. and Graham, S. S. — Homograft Septal Cartilage for Attic Support in Intact Canal Wall Tympanomastoidectomy and Tympanoplasty.	1457
Parker, W., Waldman, S. R., Levine, H. L., Sebek, B. A. and Tucker, H. M. — Nasal Tuberculosis: A Forgotten Entity.	11
Parkes, M. L., Binder, W. J. and Kamer, F. M. — Mentoplasty — A Clinical Analysis of Alloplastic Implants.	383
Parkes, M. L. and Kanodia, R. — Avulsion of the Upper Lateral Cartilage: Etiology, Diagnosis, Surgical Anatomy and Management.	758
Patterson, C. N. — Surgery of the Crooked Nose.	939
Paul, D. — Sinus Infection and Adenotonsillitis in Pediatric Patients.	997
Pearson, B. W. — Subtotal Laryngectomy.	1904
Pelet, D., Ostfeld, E. and Aviel, A. — Malignant External Otitis: The Diagnostic Value of Bone Scintigraphy.	960
Penn, I. and Harris, J. P. — Immunosuppression and the Development of Malignancies of the Upper Airway and Related Structures.	520
Perkins, R., Kaseff, L. G. and Hambley, W. H. — Radiological Techniques for Small Acoustic Tumors — A Re-Evaluation.	63

Per-Lee, J. H. — Long-Term Middle Ear Ventilation. .... 1063  
 Petersen, R. J. — Sinus Puncture Therapy: Canine Fossa Puncture Method. .... 2126  
 Phillips, T. L., Woodhouse, R. J., Quivey, J. M., Fu, K. K., Sien, P. S. and Dedo, H. H. — Treatment of Carcinoma of the Vocal Cord. A Review of 20 Years Experience. .... 1155  
 Pilch, B. Z. and Granich, M. S. — Necrotizing Sialometaplasia in the Setting of Acute and Chronic Sinusitis. .... 1532  
 Pillsbury, H. C. and Mann, D. G. — Correction of the "Right Hooked" Nose. .... 1562  
 Plasse, H. M., Mittelman, M. and Frost, J. O. — Unilateral Sudden Hearing Loss after Open Heart Surgery: A Detailed Study of Seven Cases. .... 101  
 Plotkin, R. P. — Middle Ear Ventilation with the Castelli Membrane Tube. .... 1173  
 Podoshin, L., Ben-David, J., Fradis, M. and Bartal, A. H. — Plasmacytoma Arising in the Vicinity of a Foreign Body in the Nasal Cavity. .... 1150  
 Pou, J. W., Snelling, B. C. and Vekovius, W. A. — Comprehensive Hearing Aid Program within an Ear, Nose and Throat Office. .... 1074  
 Proctor, C. A. — Abnormal Insulin Levels and Vertigo. .... 1657  
 Proud, G. O. — The Triological Society and You. Presidential Address. .... 501  
 Proud, G. O. and Norris, C. W. — Spontaneous Return of Facial Motion Following Seventh Cranial Nerve Resection. .... 211  
 Pulec, J. L. — Endolymphatic Subarachnoid Shunt for Ménière's Disease in the Only Hearing Ear. .... 771  
 Purn, J. M., Shapiro, M. J. and Raskin, C. — A Study of the Effects of Cardiopulmonary Bypass Surgery on Auditory Function. .... 2047

## Q

Quivey, J. M., Woodhouse, R. J., Fu, K. K., Sien, P. S., Dedo, H. H. and Phillips, T. L. — Treatment of Carcinoma of the Vocal Cord. A Review of 20 Years Experience. .... 1155

## R

Rafferty, T. C. and Sasaki, C. — A Technique for Electromyographic Evaluation of Intrinsic Laryngeal Muscle Activity in Man. .... 1191  
 Rakoff, S. J., Croft, C. B. and Shprintzen, R. J. — Patterns of Velopharyngeal Valving in Normal and Cleft Palate Subjects: A Multi-View Videofluoroscopic and Nasendoscopic Study. .... 265  
 Raskin, C., Shapiro, M. J. and Purn, J. M. — A Study of the Effects of Cardiopulmonary Bypass Surgery on Auditory Function. .... 2047  
 Ratusnik, D. L. and Wolfe, V. I. — Vocal Symptomatology of Postoperative Dysphonia. .... 635  
 Ray, W. A., Hughes, G. B., Josey, A. F., Glasscock, M. E., III, Jackson, C. G. and Sismanian, A. — Clinical Electroneurography: Statistical Analysis of Controlled Measurements in 22 Normal Subjects. .... 1834  
 Reardon, E. J., Shugar, M. A. and Granich, M. S. — The Otolaryngologic Presentation of Botulism. .... 121  
 Renner, G., Templer, J., Davis, W. E. and Thomas, J. R. — Modification of the Abbe-Estlander Flap for Defects of the Lower Lip. .... 153  
 Richard, G. L., Dormer, K. J., Hough, J. V. D. and Nordquist, R. — The Use of Rare-Earth Magnet Couplers in Cochlear Implants. .... 1813  
 Richardson, M. A., Cotton, R. T. and Seid, A. B. — Management of Combined Advanced Glottic and Subglottic Stenosis in Infancy and Childhood. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. .... 221  
 Risberg, A. M., Afzelius, L-E., Elmqvist, D., Hougaard, K., Laurin, S. and Nilsson, B. — Sleep Apnea Syndrome — An Alternative Treatment to Tracheostomy. .... 285  
 Rodriguez, W. J., Schwartz, R. H. and Schwartz, D. M. — Office Myringotomy for Acute Otitis Media: Its Value in Preventing Middle Ear Effusion. .... 616  
 Roland, P. S., Strauss, M. and Widome, M. D. — Nasopharyngeal Hemangioma Causing

Airway Obstruction in Infancy. ....	1365
Rosenthal, L., Jackson, B. S. and Attia, E. — Laryngeal Lymphoscintigraphy. ....	2085
Rosenwasser, H. — Honored Guest's Address. ....	7
Rotenberg, D., Deeb, Z. L., McIntyre, J. and Black, F. O. — Radiographic Temporal Bone Template as an Aid in Vestibular Nerve Section. ....	649
Rowe, L. D., Miller, E. and Brandt-Zawadski, M. — Computed Tomography in Maxillo-facial Trauma. ....	745
Rubin, W. — SHA as a Modality for Monitoring Patient Progress. ....	1282
Rubin, W. — The SHA Test in Vestibular Diagnosis. ....	1702
Rudd, T. G., Cummings, C. W., Larson, S. M., Dobie, R. A., Weymuller, E. A., Jr. and Merello, A. — Assessment of Cobalt 57 Tagged Bleomycin as a Clinical Aid in Staging Head and Neck Carcinomas. ....	529
Ryan, R. E., Jr. and Ryan, R. E., Sr. — Migraine Prophylaxis. A New Approach. ....	1501
Ryan, R. E., Sr. and Ryan, R. E., Jr. — Migraine Prophylaxis. A New Approach. ....	1501
<b>S</b>	
Saba, S. R., Espinoza, C. G. and Montano, P. — Laryngeal Tuberculosis. ....	110
Sachs, M. E. and Conley, J. — The Pinch Scissors Technique for Motor Nerve Dissection. ....	822
Sagel, S. S., AufderHeide, J. F., Aronberg, D. J., Stanley, R. J. and Archer, C. R. — High Resolution Computed Tomography in the Staging of Carcinoma of the Larynx. ....	292
Samara, M., Cantor, J. O., Adelglass, J., Cerreta J. M. and Kancherla, P. L. — Collision Tumor of the Frontal Sinus: Evidence of Prior Intranasin Instillation of Thorotrust. ....	798
Sanders, J. W., Josey, A. F., Glasscock, M. E., III, and Jackson, C. G. — Acoustic Reflex Test in Cochlear and Eighth Nerve Pathology Ears. ....	787
Sapir, S., Campbell, C. and Larson, C. — Effect of Geniohyoid, Cricothyroid and Sternohyoid Muscle Stimulation in Voice Fundamental Frequency of Electrically Elicited Phonation in Rhesus Macaque. ....	457
Sasaki, C. and Rafferty, T. C. — A Technique for Electromyographic Evaluation of Intrinsic Laryngeal Muscle Activity in Man. ....	1191
Sasaki, C. T., Babitz, L. and Kauer, J. S. — Tinnitus: Development of a Neurophysiologic Correlate. ....	2018
Sasaki, C. T. and Mann, D. G. — Tympanoplasty. ....	1381
Schaefer, S., Anderson, R., Diehl, J., Maravilla, K. and Fancher, J. — CAT with Air Contrast of the CPA and Internal Auditory Canal. ....	1083
Schachern, P. A., Paparella, M. M., Goycoolea, M., Goldbert, B. and Schlievert, P. — Round Window Membrane Following Application of Staphylococcal Exotoxin: An Electron Microscopic Study. ....	2007
Schaefer, S. D., Buchholz, R. W., Jones, R. E., Anderson, R. G. and Carder, H. M. — Treatment of Transpharyngeal Missile Wounds to the Cervical Spine. ....	146
Schindler, R. A., Horn, K. L. and Crumley, R. L. — Facial Neurilemmomas. ....	1326
Schindler, R. A. and Michelson, R. P. — Multichannel Cochlear Implant. Preliminary Results in Man. ....	38
Schindler, R. A. and Michelson, R. P. — Multichannel Cochlear Implants. Current Status and Future Developments. ....	886
Schlievert, P., Schachern, P. A., Paparella, M. M., Goycoolea, M. and Goldbert, B. — Round Window Membrane Following Application of Staphylococcal Exotoxin: An Electron Microscopic Study. ....	2007
Schlossberg, D. and Fugate, J. S. — Retropharyngeal Cellulitis. ....	1738
Schneider, M. L. — Merthiolate in Treatment of Otomycosis. ....	1194
Schramm, V. L., Jr., Mattox, D. E. and Stool, S. E. — Acute Management of Laser Ignited Intratracheal Explosion. ....	1417
Schramm, V. L., Jr., Myers, E. N. and Barnes, E. L. — Management of Inverted Papilloma of the Nose and Paranasal Sinuses. ....	2071

Schuler-Vogler, M., Clemis, J. G. and Mastricola, P. C. — Contralateral Ear in Acoustic Tumors and Hearing Conservation. ....	1792
Schvaneveldt, J. A. and Stankiewicz, J. A. — Malignant Hyperpyrexia: An Update for the Otolaryngologist. ....	918
Schwartz, D. M., Schwartz R. H. and Rodriguez, W. J. — Office Myringotomy for Acute Otitis Media: Its Value in Preventing Middle Ear Effusion. ....	616
Schwartz, R. H., Rodriguez, W. J. and Schwartz, D. M. — Office Myringotomy for Acute Otitis Media: Its Value in Preventing Middle Ear Effusion. ....	616
Sebek, B. A., Waldman, S. R., Levine, H. L., Parker, W. and Tucker, H. M. — Nasal Tuberculosis: A Forgotten Entity. ....	11
Segal, M., Ostfeld, E. and Czernobilsky, B. — Malignant External Otitis: Early Histopathologic Changes and Pathogenic Mechanism. ....	965
Seibert, J. J., Seibert, R. W., Norton, J. B. and Williams, D. — Recurrent Laryngeal Nerve Damage Following Formalin Infiltration of Ductus Arteriosus. ....	392
Seibert, R. W., Seibert, J. J., Norton, J. B. and Williams, D. — Recurrent Laryngeal Nerve Damage Following Formalin Infiltration of Ductus Arteriosus. ....	392
Seid, A. B., Cotton, R. T. and Richardson, M. A. — Management of Combined Advanced Glottic and Subglottic Stenosis in Infancy and Childhood. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. ....	221
Seid, A. B., Kaplan, R., Bratcher, C. O., Freeman, D. and Cotton, R. — Liposarcoma of the Neck. ....	1375
Seitz, M. R. and Shulman, A. — Central Tinnitus — Diagnosis and Treatment. ....	2025
Selfe, R. W. and Conley, J. — Occult Neoplasms in Facial Paralysis. ....	205
Shambaugh, G. E., Jr., Wiet, R. J. and Kazan, R. — A Holistic Approach to Meniere's Disease. Medical and Surgical Management. ....	1647
Shane, S. M. — Beepophone. ....	1756
Shanon, E., Gold, S. and Himelfarb, M. Z. — Auditory Brain Stem Responses in Cerebellopontine Angle Tumors. ....	254
Shapiro, M. J., Purn, J. M. and Raskin, C. — A Study of the Effects of Cardiopulmonary Bypass Surgery on Auditory Function. ....	2047
Shapiro, R. S. and Martin, W. M. — Long Custom-Made Plastic Tracheostomy Tube in Severe Tracheomalacia. ....	355
Shapshay, S. M., Bogdasarian, J., Healy, G. B., Di Troia, J., and Strong, M. S. — A Sliding Chest Wall Flap for the Management of Advanced Laryngeal Carcinoma with Anterior Cervical Skin Invasion. ....	644
Sharkey, F. E. and Strauss, M. — Simultaneous (Non-Epidermoid) Neoplasms Involving the Head and Neck. ....	432
Shea, J., Gerbe, R. and Ayani, N. — Craniometaphyseal Dysplasia. The First Successful Surgical Treatment for Associated Hearing Loss. ....	1369
Shea, J. J. and O'Connor, A. F. — Autophony and the Patulous Eustachian Tube. ....	1427
Sheehy, J. L. and Bartles, L. J. — Total Obliteration of the Mastoid, Middle Ear, and External Auditory Canal. A Review of 27 Cases. ....	1100
Sheehy, J. L., Nelson, R. A. and House, H. P. — Revision Stapedectomy: A Review of 258 Cases. ....	43
Shohat, S., Eliachar, I., Goldsher, M., Joachims, H. Z. and Mordechovich, D. — Superiorly Based Tracheostomal Flap to Counteract Tracheal Stenosis. ....	976
Shugar, J. M. A., Som, P. M., Eisman, W. and Biller, H. F. — Non-Traumatic Cerebrospinal Fluid Rhinorrhea. ....	114
Shugar, M. A. and Gavron, J. P. — External Immobilization for Mandibular Reconstruction. ....	1016
Shugar, M. A., Granich, M. S. and Reardon, E. J. — The Otolaryngologic Presentation of Botulism. ....	121
Shulman, A. and Seitz, M. R. — Central Tinnitus — Diagnosis and Treatment. ....	2025

Shumrick, D. A., Gluckman, J. L., McDonough, J., Donegan, J. O., Crissman, J. D. and Fullen, W. — The Free Jejunal Graft in Head and Neck Reconstruction. ....	1887
Siegel, G. J. and Allen, G. W. — Sublabial Approach for Extensive Nasal and Sinus Resection. ....	1635
Sien, P. S., Woodhouse, R. J., Quivey, J. M., Fu, K. K., Dedo, H. H. and Phillips, T. L. — Treatment of Carcinoma of the Vocal Cord. A Review of 20 Years Experience. ....	1155
Simpson, G. T., II, McGill, T. I. J. and Healy, G. B. — Hemophilus Influenzae Type B Soft Tissue Infections of the Head and Neck. ....	17
Sismanis, A., Hughes, C. B., Josey, A. F., Glasscock, M. E., III, Jackson, C. G. and Ray, W. A. — Clinical Electroneurography: Statistical Analysis of Controlled Measurements in 22 Normal Subjects. ....	1834
Sisson, G. A. and Ossoff, R. H. — Lymphatics of the Floor of the Mouth and Neck: Anatomical Studies Related to Contralateral Drainage Pathways. ....	1847
Smith, P. G., Spector, G. J. and Burde, R. M. — Selective Facial Neurectomy for Essential Blepharospasm. ....	1896
Snelling, B. C., Pou, J. W. and Vekovius, W. A. — Comprehensive Hearing Aid Program within an Ear, Nose and Throat Office. ....	1074
Snow, G. B., Lecluse, F. L. and Snow, G. B. — Electroglottographic Studies of Stafieri Neoglottis. ....	971
Sobol, S. M. and Freeman, R. B. — Rhomboid to W-Plasty Technique for Lesions of the Nasal Dorsum. ....	475
Sofferman, R. A. — Sphenethmoid Approach to the Optic Nerve. ....	184
Solangi, K. B., Kligerman, A. B., Ventry, I. M., Goodman, A. I. and Weseley, S. A. — Hearing Impairment Associated with Chronic Renal Failure. ....	583
Som, M. L., Blitzer, A., Lawson, W., Zak, F. G. and Biller, H. F. — Clinical-Pathological Determinants in Prognosis of Fibrous Histiocytomas of the Head and Neck. ....	2053
Som, P. M., Shugar, J. M. A., Eisman, W. and Biller, H. F. — Non-Traumatic Cerebrospinal Fluid Rhinorrhea. ....	114
Spann, J. G., Bizal, J., Ferguson, S. and Lingeman, R. E. — Identification of the Motor Laryngeal Nerves — A New Electrical Stimulation Technique. ....	1865
Spector, G. J., Smith, P. G. and Burde, R. M. — Selective Facial Neurectomy for Essential Blepharospasm. ....	1896
Sprintzen, R. J., Croft, C. B. and Rakoff, S. J. — Patterns of Velopharyngeal Valving in Normal and Cleft Palate Subjects: A Multi-View Videofluoroscopic and Nasendoscopic Study. ....	265
Stankiewicz, J. A. and Schvaneveldt, J. A. — Malignant Hyperpyrexia: An Update for the Otolaryngologist. ....	918
Stanley, R. J., Sagel, S. S., AufderHeide, J. F., Aronberg, D. J. and Archer, C. R. — High Resolution Computed Tomography in the Staging of Carcinoma of the Larynx. ....	292
Stein, L. and Ozdamar, O. — Auditory Brain Stem Response in Unilateral Hearing Loss. ....	565
Stevens, M. H. and Anderson, C. W. — Synchronous Involvement of Both Ears and the Larynx in a Patient with Active Pulmonary Disease. ....	906
Stinziiano, G. D., Ginsberg, I. A., Hoffman, S. R. and White, T. P. — Hearing Changes Following Stapedectomy: A Six Year Follow-Up. ....	87
Stool, S. E., Schramm, V. L., Jr. and Mattox, D. E. — Acute Management of Laser-Ignited Intratracheal Explosion. ....	1417
Storrs, L. A. — Management of Ear Canal Seborrhea with Cerumen. ....	1231
Strauss, M. — Cytomegalovirus and the Otolaryngologist. ....	1995
Strauss, M. and Sharkey, F. E. — Simultaneous (Non-Epidermoid) Neoplasms Involving the Head and Neck. ....	432
Strauss, M., Widome, M. D. and Roland, P. S. — Nasopharyngeal Hemangioma Causing Airway Obstruction in Infancy. ....	1365
Strome, M. — Down's Syndrome: A Modern Otorhinolaryngological Perspective. ....	1581

Strong, M. S., Bogdasarian, J., Healy, C. B., Di Troia, J. and Shapshay, S. M. — A Sliding Chest Wall Flap for the Management of Advanced Laryngeal Carcinoma with Anterior Cervical Skin Invasion. ....	644
Sugita, R., Kawamura, S., Ichikawa, G., Goto, S. and Fujimaki, Y. — Studies on Anaerobic Bacteria in Chronic Otitis Media. ....	816
Sutton, D. and Larrabee, W. F., Jr. — The Biomechanics of Advancement and Rotation Flaps. ....	726
Sweet, R. M., Bryarly, R. C., Kornblut, A. D. and Corio, R. L. — Recurrent Cementifying Fibroma of the Jaws. ....	1137
Sylvén, C., Tjellström, A., Lindström, J., Nylen, O., Albrektsson, T., Bränemark, P.-I., Birgersson, B. and Nero, H. — Bone-Anchored Auricular Episthesis. ....	811
T	
Taasan, V., Wynne, J. W., Cassisi, N. and Block, A. J. — Effect of Nasal Packing on Sleep Breathing and Nocturnal Oxygen Desaturation. ....	1163
Takahashi, M., Morimitsu, T., Okada, S., Matsumoto, I. and Kosugi, T. — Congenital Cricoid Stenosis. ....	1356
Takeda, K., Nakashima, T., Makishima, K., Komiya, S. and Ikuichiro, H. — Local Immune System in the Developing Fetal Larynx. ....	398
Taylor, M. — Heat Exchange in the Nose. ....	1606
Templer, J., Davis, W. E. and Thomas, J. R. — A Rotation Flap for Low Posterior Auricular Defects. ....	826
Templer, J., Hast, M., Thomas, J. R. and Davis, W. E. — Congenital Laryngeal Stridor Secondary to Flaccid Epiglottis, Anomalous Accessory Cartilages and Redundant Aryepiglottic Folds. ....	394
Templer, J., Renner, G., Davis, W. E. and Thomas, J. R. — Modification of the Abbe-Estlander Flap for Defects of the Lower Lip. ....	153
Thalmann, I., Thalmann, R., Comegys, T. H. and DeMott, J. E. — Steep Gradients of Amino Acids Between Cochlear Endolymph and Perilymph. ....	1785
Thalmann, R., Comegys, T. H., DeMott, J. E. and Thalmann, I. — Steep Gradients of Amino Acids Between Cochlear Endolymph and Perilymph. ....	1785
Thawley, S. E. — Complications of Combined Radiation Therapy and Surgery for Carcinoma of the Larynx and Inferior Hypopharynx. ....	677
Thawley, S. E. and Ogura, J. H. — Use of the Hyoid Graft for Treatment of Laryngotracheal Stenosis. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. ....	226
Thomas, J. R., Templer, J. and Davis, W. E. — A Rotation Flap for Low Posterior Auricular Defects. ....	826
Thomas, J. R., Templer, J., Hast, M. and Davis, W. E. — Congenital Laryngeal Stridor Secondary to Flaccid Epiglottis, Anomalous Accessory Cartilages and Redundant Aryepiglottic Folds. ....	394
Thomas, J. R., Templer J., Renner, G. and Davis, W. E. — Modification of the Abbe-Estlander Flap for Defects of the Lower Lip. ....	153
Tinsley, P. P. and Holdt, G. R. — Peritonsillar Abscesses in Children. ....	1226
Tiwari, R. M., Lecluse, F. L. and Snow, G. B. — Electroglossographic Studies of Staf-fieri Neoglottis. ....	971
Tjellström, A., Lindström, J., Nylen, O., Albrektsson, T., Bränemark, P.-I., Birgersson, B., Nero, H. and Sylvén, C. — Bone-Anchored Auricular Episthesis. ....	811
Tong, Y. C., Clark, G. M. and Martin, L. F. A. — A Multiple-Channel Cochlear Implant: An Evaluation Using Open-Set CID Sentences. ....	628
Toohill, R. J. — Composite Nasal Septal Graft in the Management of Advanced Laryngotracheal Stenosis. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. ....	233
Toohill, R. J., Lehman, R. H., Grossman, T. W. and Belson, T. P. — Rhinitis Medicamentosa. ....	1614
Trevino, R. J. — Immunologic Mechanisms in the Production of Food Sensitivities. ....	1913

Tucker, H. M., Waldman, S. R., Levine, H. L., Sebek, B. A. and Parker, W. — Nasal Tuberculosis: A Forgotten Entity. ....	11
<b>V</b>	
Valensi, Q., Goodman, R. S. and Daly, J. F. — Heterotopic Salivary Tissue and Branchial Cleft Sinus. ....	260
Valvassori, G. E., Mafee, M. F. and Dobben, C. D. — Evaluation of the Regional Blood Circulation of the Hindbrain by Dynamic Computed Tomography. ....	1695
Vekovius, W. A., Pou, J. W. and Snelling, B. C. — Comprehensive Hearing Air Program within an Ear, Nose and Throat Office. ....	1074
Veldman, J., Baars, F. van, Broek, P. van den, and Cremers, C. — Familial Non-Chromaffin Paragangliomas (Glomus Tumors): Clinical Aspects. ....	988
Ventry, I. M., Kligerman, A. B., Solangi, K. B., Goodman, A. I. and Weseley, S. A. — Hearing Impairment Associated with Chronic Renal Failure. ....	583
Vernon, R. P., Jr. and Wills, P. I. — Complications of Space Infections of the Head and Neck. ....	1129
Vidas, M., Keane, W. M., Atkins, J. P., Jr. and Wetmore, R. — Epidemiology of Head and Neck Cancer. ....	2037
Viers, W. A. — Primary Syphilis of the Tonsil: Presentation of Four Cases. ....	1507
Von Hoff, D. D., Mullen, B. M., Mattox, D. E. and Hearne, E. H. — Effect of Preoperative Adriamycin and Dihydroxyanthracenedione on Wound Healing. ....	1436
<b>W</b>	
Wade, J. M. — A Tumor Registry System for the Private ENT Office. ....	469
Waguespack, R. W. and Love, J. T., Jr. — Perilymphatic Fistulas. ....	1118
Waldman, S. R., Levine, H. L., Sebek, B. A., Parker, W. and Tucker, H. M. — Nasal Tuberculosis: A Forgotten Entity. ....	11
Waterfall, M. K., Engelmann, L. R. and Hough, J. V. D. — Results Following Cochlear Implantation and Rehabilitation. ....	1821
Wehrs, R. E. — Aeration of the Middle Ear and Mastoid in Tympanoplasty. ....	1463
Weichselbaum, R., Miller, D., Ervin, T. and Fabian, R. L. — Differential Diagnosis of the Mass in the Neck. A Fresh Look. ....	140
Weichselbaum, R. R., Ervin, T. J., Miller, D., Kirkwood, J. and Frei, E., III. — Improved Survival for Patients with Advanced Carcinoma of the Head and Neck Treated with Methotrexate-Leucovorin Prior to Definitive Radiotherapy or Surgery. ....	1181
Weider, D. J. — Use of the Williams Microclip in Various Aspects of Tympanoplasty Surgery. ....	2106
Weseley, S. A., Kligerman, A. B., Ventry, I. M., Solangi, K. B. and Goodman, A. I. — Hearing Impairment Associated with Chronic Renal Failure. ....	583
Wesson, K., Wetmore, S. J. and Krueger, K. — The Singer-Blom Speech Rehabilitation Procedure. ....	1109
Westerman, S. T. — An Objective Approach to Subjective Testing for Sensation of Taste and Smell. ....	301
Westerman, S. T. and Gilbert, L. M. — A Non-Invasive Method of Qualitative and Quantitative Measurement of Drugs. ....	1536
Wetmore, R., Keane, W. M., Atkins, J. P., Jr. and Vidas, M. — Epidemiology of Head and Neck Cancer. ....	2037
Wetmore, S. J., Krueger, K. and Wesson, K. — The Singer-Blom Speech Rehabilitation Procedure. ....	1109
Weymuller, E. A., Jr. — Dressings for Split Thickness Skin Graft Donor Sites. ....	652
Weymuller, E. A., Jr., Cummings, C. W., Larson, S. M., Dobie, R. A., Rudd, T. G. and Merello, A. — Assessment of Cobalt 57 Tagged Bleomycin as a Clinical Aid in Staging Head and Neck Carcinomas. ....	529

Whitaker, S. R., Glasscock, M. E., III and Jackson, C. G. — Argon Laser in Acoustic Tumor Surgery. ....	1405
White, I. L. — Severe Complications of a Zenker's Diverticulum with Endoscopic Diver-	
ticulotomy Rescue. ....	708
White, T. P., Ginsberg, I. A., Hoffman, S. R. and Stinziiano, G. D. — Hearing Changes Following Stapedectomy: A Six Year Follow-Up. ....	87
Widome, M. D., Strauss, M. and Roland, P. S. — Nasopharyngeal Hemangioma Causing Airway Obstruction in Infancy. ....	1365
Wiet, R., Glasscock, M. E., III and Dickins, J. R. E. — Cholesteatoma in Children. ....	1743
Wiet, R. J., Kazan, R. and Shambaugh, G. E., Jr. — An Holistic Approach to Ménière's Disease. Medical and Surgical Management. ....	1647
Wiggins, R., Levine, P. A., Archibald, R. W. R. and Britt, R. — Ossifying Fibroma of the Head and Neck: Involvement of Temporal Bone. ....	720
Williams, D., Seibert, R. W., Seibert, J. J. and Norton, J. B. — Recurrent Laryngeal Nerve Damage Following Formalin Infiltration of Ductus Arteriosus. ....	392
Wills, P. I. and Vernon, R. P., Jr. — Complications of Space Infections of the Head and Neck. ....	1129
Wilson, D. F. — Tympanic Membrane Perforations Secondary to Ventilation Devices. ....	877
Wilson, W. R., Ambrus, P. S., Eavey, R. D., Baker, A. S. and Kelly, J. H. — Management of Nasal Septal Abscess. ....	575
Windle-Taylor, P. C. and Bailey, C M — Tuberculous Laryngitis: A Series of 37 Patients. ....	83
Winn, H. R., Johns, M. E., McLean, W. C. and Cantrell, R. W. — Pericranial Flap for the Closure of Defects of Craniofacial Resections. ....	952
Winter, M. L., Leipzig, B. and Hokanson, J. A. — Cervical Nodal Metastases of Unknown Origin. ....	593
Wolfe, J. W., Olson, J. E. and Engelken, E. J. — Responses to Low-Frequency Harmonic Acceleration in Patients with Acoustic Neuromas. ....	1270
Wolfe, V. I. and Ratusnik, D. L. — Vocal Symptomatology of Postoperative Dysphonia. ....	635
Wood, J. W., Hendershot, E. L. and Karnuta, M. A. — Central Auditory Battery Testing in Brain Stem Disease. ....	1801
Woodhouse, R. J., Quivey, J. M., Fu, K. K., Sien, P. S., Dedo, H. H. and Phillips, T. L. — Treatment of Carcinoma of the Vocal Cord. A Review of 20 Years Experience. ....	1155
Wright, J. W., Jr. — Polytomography and Congenital External and Middle Ear Anomalies. ....	1806
Wright, W. K. and Kridel, R. W. H. — External Septorhinoplasty. A Tool for Teaching and for Improved Results. ....	945
Wynne, J. W., Taasan, V., Cassisi, N. and Block, A. J. — Effect of Nasal Packing on Sleep Breathing and Nocturnal Oxygen Desaturation. ....	1163
Y	
Yanagihara, N. and Matsumoto, Y. — Cholesteatoma in the Petrous Apex. ....	272
Yano, J., Ichimura, K., Nozue, M. and Hoshino, T. — Bilateral Primary Malignant Neoplasms of the Maxillary Sinus: Report of a Case and Statistical Analysis of the Reports in Japan. ....	804
Yarington, C. T., Jr. — Metastatic Malignant Disease to the Parotid Gland. ....	517
Z	
Zak, F. G., Blitzer, A., Lawson, W., Biller, H. F., and Som, M. L. — Clinical-Pathological Determinants in Prognosis of Fibrous Histiocytomas of the Head and Neck. ....	2053
Zivnuska, F. R., Marks, J. E., Lee, F., Freeman, R. B. and Ogura, J. H. — Carcinoma of the Oral Tongue: A Study of Patient Selection and Treatment Results. ....	1548
Zohar, Y. and Laurian, N. — Laryngeal Reconstruction by Composite Nasal Mucoseptal Graft after Partial Laryngectomy. Three Years Follow-Up. ....	609

## SUBJECTS.

### A

Abbe-Estlander Flap Modification for Defects of the Lower Lip. Templer, J., Renner, G., Davis, W. E. and Thomas, J. R. ....	153
Abnormal Insulin Levels and Vertigo. Proctor, C. A. ....	1657
Abscess (Nasal Septal) Management. Ambrus, P. S., Eavey, R. D., Baker, A. S., Wilson, W. R. and Kelly, J. H. ....	575
Abscesses in Children — Peritonsillar. Holt, G. R. and Tinsley, P. P., Jr. ....	1226
Acoustic Neurinoma in a Population of Noise Exposed Workers. Miller, M. H., Doyle, T. J. and Geier, S. R. ....	363
Acoustic Neuromas (Patients) — Responses to Low-Frequency Harmonic Acceleration. Olson, J. E., Wolfe, J. W. and Engelken, E. J. ....	1270
Acoustic Reflex Test in Cochlear and Eighth Nerve Pathology Ears. Sanders, J. W., Josey, A. F., Glasscock, M. E., III and Jackson, C. G. ....	787
Acoustic Tumor Surgery with Argon Laser. Glasscock, M. E., III, Jackson, C. G. and Whittaker, S. R. ....	1405
Acoustic Tumors and Hearing Conservation — the Contralateral Ear. Clemis, J. D., Matricola, P. G. and Schuler-Vogler, M. ....	1792
Acoustic Tumors (Small), Radiological Techniques — A Re-Evaluation. Kaseff, L. G., Perkins, R. and Hambley, W. H. ....	63
Active Pulmonary Disease — Synchronous Involvement of Both Ears and the Larynx. Anderson, C. W. and Stevens, M. H. ....	906
Acute Management of Laser-Ignited Intratracheal Explosion. Schramm, V. L., Jr., Mattox, D. E. and Stool, S. E. ....	1417
Adenoids in Children — Aerobic and Anaerobic Bacteriology: A Comparison Between Patients with Chronic Adenotonsillitis and Adenoid Hypertrophy. Brook, I. ....	377
Adenotonsillitis (Chronic) and Adenoid Hypertrophy — Comparison Between Patients: Aerobic and Anaerobic Bacteriology of Adenoids in Children. Brook, I. ....	377
Adenotonsillitis and Sinus Infection in Pediatric Patients. Paul, D. ....	997
Adriamycin and Dihydroxyanthracenedione (Preoperative) — Effect on Wound Healing. Mullen, B. J., Mattox, D. E., Von Hoff, D. D. and Hearne, E. H. ....	1436
Advancement and Rotation Flaps — Biomechanics. Larrabee, W. F., Jr. and Sutton, D. ....	726
Aeration of the Middle Ear and Mastoid in Tympanoplasty. Wehrs, R. E. ....	1463
Aerobic and Anaerobic Bacterial Flora of Normal Maxillary Sinuses. Brook, I. ....	372
Aerobic and Anaerobic Bacteriology of Cholesteatoma. Brook, I. ....	250
Aerodigestive Dysfunction Secondary to Thyroid Tumors. Calcaterra, T. C. and Maceri, D. R. ....	701
Airway Obstruction Caused by Nasopharyngeal Hemangioma in Infancy. Strauss, M., Widome, M. D. and Roland, P. S. ....	1365
Alloplastic Implants (Clinical Analysis) in Mentoplasty. Binder, W. J., Parkes, M. L. and Kramer, F. M. ....	383
Amino Acids — Steep Gradients Between Cochlear Endolymph and Perilymph. Thalmann, R., Comegys, T. H., DeMott, J. E. and Thalmann, I. ....	1785
Aminoglycoside Treated Neonates — Freedom from Ototoxicity: A Mistaken Notion. Bernard, P. A. ....	1985
Anaerobic and Aerobic Bacteriology of Cholesteatoma. Brook, I. ....	250
Anaerobic Bacteria Studies in Chronic Otitis Media. Sugita, R., Kawamura, S., Ichikawa, G., Goto, S. and Fujimaki, Y. ....	816
Anaerobic Bacterial Flora of Normal Maxillary Sinuses. Brook, I. ....	372

Anesthesia (General) Followed by Bilateral Vocal Cord Paralysis. Nuutinen, J. and Karja, J. ....	83
Angioedema, Hereditary: Association with IgA Deficiency and Otolaryngologic Disorders. Bond, W. R., Jr., Herrod, H. G. and Duberstein, L. E. ....	416
Are Water and Tympanotomy Tubes Compatible? Jaffe, B. F. ....	563
Argon and CO <sub>2</sub> Lasers in Otolaryngology: Which One, When and Why? DiBartolomeo, J. R. .... Suppl. No. 28, Sept. 1981	
Argon Laser in Acoustic Tumor Surgery. Glasscock, M. E., III, Jackson, C. G. and Whittaker, S. R. ....	1405
Argon Laser Destruction of Cutaneous Telangiectatic Lesions. Lyons, G. D., Owens, R. E. and Mouney, D. F. ....	1322
Artificial Larynx: A Review and Development of a Prototype Self-Contained Intra-Oral Artificial Larynx. Lowry, L. D. ....	1332
Assessment of Cobalt 57 Tagged Bleomycin as a Clinical Aid in Staging Head and Neck Carcinomas. Cummings, C. W., Larson, S. M., Dobie, R. A., Weymuller, E. A., Jr., Rudd, T. G. and Merello, A. ....	529
Atelectatic Ears — Tympanoplasty Experience. Paparella, M. M. and Jung, T. T. K. ....	1472
Atelectatic Tympanic Membrane Reversal by Nitrous Oxide Supplemented General Anesthesia and Polyethylene Ventilation Tube Insertion. A Preliminary Report. Graham, M. D. and Knight, P. R. ....	1469
Atresia (Choanal) in the Neonate — Surgical Correction. Lantz, J. H. and Birek, H. G. ....	1629
Attic Support in Intact Canal Wall Tympanomastoidectomy and Tympanoplasty by Homograft Septal Cartilage. Pappas, J. J., Bailey, H. A. T., Jr., McGrew, R. N. and Graham, S. S. ....	1457
Auditory Battery Testing (Central) in Brain Stem Disease. Hendershot, E. L., Wood, J. W. and Karnuta, M. A. ....	1801
Auditory Brain Stem Response in Unilateral Hearing Loss. Ozdamar, O. and Stein, L. ....	565
Auditory Brain Stem Responses in Cerebellopontine Angle Tumors. Shanon, E., Gold, S. and Himelfarb, M. Z. ....	254
Auditory Function — A Study of the Effects of Cardiopulmonary Bypass. Shapiro, M. J., Purn, J. M. and Raskin, C. ....	2047
Auricle — Perichondritis. Bassiouni, A. ....	422
Auricular Defects (Low Posterior) — A Rotation Flap. Templer, J., Davis, W. E. and Thomas, J. R. ....	826
Auricular Episthesis — Bone-Anchored. Tjellström, A., Lindström, J., Nylen, O., Albrektsson, T., Bränemark, P.-I., Bergstrand, B., Nero, H. and Sylvén, C. ....	811
Autoimmune Thrombocytopenic Purpura-Like Syndrome in a Patient with Head and Neck Cancer. Jubelirer, S. J., Goodloe-Greens, L. and Deykin, D. ....	408
Autophony and the Patulous Eustachian Tube. O'Connor, A. F. and Shea, J. J. ....	1427
Avulsion of the Upper Lateral Cartilage: Etiology, Diagnosis, Surgical Anatomy and Management. Parkes, M. L. and Kanodia, R. ....	758
<b>B</b>	
Bacteria Studies (Anaerobic) in Chronic Otitis Media. Sugita, R., Kawamura, S., Ichikawa, G., Goto, S. and Fujimaki, Y. ....	816
Bacterial Flora (Aerobic and Anaerobic) of Normal Maxillary Sinuses. Brook, I. ....	372
Bacteriology of Adenoids in Children — Aerobic and Anaerobic: A Comparison Between Patients with Chronic Adenotonsillitis and Adenoid Hypertrophy. Brook, I. ....	377
Bacteriology of Cholesteatoma — Aerobic and Anaerobic. Brook, I. ....	250
Beepophone. Shane, S. M. ....	1756
Bell's Palsy: Surgery Based upon Prognostic Indicators and Results. May, M. ....	2092
Bilateral Primary Malignant Neoplasms of the Maxillary Sinus: Report of a Case and Statistical Analysis of the Reports in Japan. Ichimura, K., Nozue, M., Hoshino, T. and Yano, J. ....	804

Bilateral Vocal Cord Paralysis Following General Anesthesia. Nuutinen, J. and Karja, J. . . . .	83
Biochemical and Cytogenetic Techniques for the Study of Communication Disorders. Kimberling, W. J. and Brookhouser, P. E. . . . .	238
Biomechanics of Advancement and Rotation Flaps. Larrabee, W. F., Jr. and Sutton, D. . . . .	726
Blepharospasm (Essential) — Selective Facial Neurectomy. Spector, G. J., Smith, P. G. and Burde, R. M. . . . .	1896
Blood Gas Exchange Changes and Temporary Artificial Obstruction of the Nose. Cvjetnić, V., Cvjetnić, S. and Grbac, I. . . . .	1001
Blowout Fractures (Orbital) — Repair with Marlex Mesh and Gelfilm. Burres, S. A., Cohn, A. M. and Mathog, R. H. . . . .	1881
Bone-Anchored Auricular Epithesis. Tjellström, A., Lindström, J., Nylén, O., Albrektsson, T., Bränemark, P.-I., Bergstrand, B., Nero, H. and Sylvén, C. . . . .	811
Bone Scintigraphy: Diagnostic Value in Malignant External Otitis. Ostfeld, E., Aviel, A. and Pelet, D. . . . .	960
Botulism - Otolaryngologic Presentation. Shugar, M. A., Granich, M. S. and Reardon, E. J. . . . .	121
Brain Stem Disease — Central Auditory Battery Testing. Hendershot, E. L., Wood, J. W. and Karnuta, M. A. . . . .	1801
Branchial Cleft Sinus and Heterotopic Salivary Tissue. Goodman, R. S., Daly, J. F. and Valensi, Q. . . . .	260
Bronchoscopy as an Aid in the Diagnosis of Pneumonia in Pediatric Immunosuppressed Patients. Dudley, J. P. and Martin, W. J. . . . .	1379
Bypass (Cardiopulmonary) Surgery — Study of Effects on Auditory Function. Shapiro, M. J., Purn, J. M. and Raskin, C. . . . .	2047

## C

Caloric Nystagmus — Effects of Age, Sex, Hearing Loss and Water Temperature. Karlsen, E. A., Hassanein and Goetzinger, C. P. . . . .	620
Caloric Test (Torok Monothermal Differential) — Diagnostic Advantages. Kumar, A. . . . .	1679
Canal Wall (Intact) Tympanomastoidectomy and Tympanoplasty Attic Support by Homograft Septal Cartilage. Pappas, J. J., Bailey, H. A. T., Jr., McGrew, R. N. and Graham, S. S. . . . .	1457
Cancer, Head and Neck — Epidemiology. Keane, W. M., Atkins, J. P., Jr., Wetmore, R. and Vidas, M. . . . .	2037
Cancer (Head and Neck) Patient with Autoimmune Thrombocytopenic Purpura-Like Syndrome. Jubelirer, S. J., Goodloe-Greens, L. and Deykin, D. . . . .	408
Canine Fossa Puncture Method: Sinus Puncture Therapy. Petersen, R. J. . . . .	2126
Canthoplasty, Medial: Early and Delayed Repair. Duvall, A. J., III, Foster, C. A., Lyons, D. P. and Letson, R. D. . . . .	173
Carcinoma (Advanced) of the Head and Neck Treated with Methotrexate-Leucovorin Prior to Definitive Radiotherapy or Surgery — Improved Survival for Patients. Ervin, T. J., Weichselbaum, R. R., Miller, D., Kirkwood, J. and Frei, E., III. . . . .	1181
Carcinoma, Epidermoid, of the Head and Neck — Use of Radioisotope Scans in the Pre-operative Evaluation. King, A. I. and Johnson, P. E. . . . .	1052
Carcinoma (Head and Neck) Staging — Cobalt 57 Tagged Beomycin Assessment as a Clinical Aid. Cummings, C. W., Larson, S. M., Dobie, R. A., Weymuller, E. A., Jr., Rudd, T. G. and Merello, A. . . . .	529
Carcinoma (Laryngeal) with Anterior Cervical Skin Invasion — Sliding Chest Wall Flap for Management. Bogdasarian, J., Healy, G. B., Di Troia, J., Shapshay, S. M. and Strong, M. S. . . . .	644
Carcinoma of the Larynx and Inferior Hypopharynx — Complications of Combined Radiation Therapy and Surgery. Thawley, S. E. . . . .	677
Carcinoma of the Larynx Staging with High Resolution Computed Tomography. Sagel, S. S., AufderHeide, J. F., Aronberg, D. J., Stanley, R. J. and Archer, C. R. . . . .	292

Carcinoma — Maxillary Sinus. Lee, F. and Ogura, J. H. .... 133  
Carcinoma, Nasopharyngeal: An Evaluation of 200 Patients. Dickson, R. I. .... 333  
Carcinoma (Oral Cavity) — Surgical Rehabilitation Following Anterior Resection. Donald, P. J. .... 1941  
Carcinoma of the Oral Tongue: A Study of Patient Selection and Treatment Results. Marks, J. E., Lee, F., Freeman, R. B., Zivnuska, F. R. and Ogura, J. H. .... 1548  
Carcinoma of the Pyriform Sinus — Radical Irradiation. Million, R. R. and Cassisi, N. J. .... 439  
Carcinoma of the Vocal Cord — Treatment. A Review of 20 Years Experience. Woodhouse, R. J., Quivey, J. M., Fu, K. K., Sien, P. S., Dedo, H. H. and Phillips, T. L. .... 1155  
Cardiopulmonary Bypass Surgery — Study of Effects on Auditory Function. Shapiro, M. J., Purn, J. M. and Raskin, C. .... 2047  
Carotid Vascular Pain — A Simple Treatment. Nair, K. K. .... 605  
Cartilage (Homograft Septal) for Attic Support in Intact Canal Wall Tympanomastoidectomy and Tympanoplasty. Pappas, J. J., Bailey, H. A. T., Jr., McGrew, R. N. and Graham, S. S. .... 1457  
Cartilage (Upper Lateral) Avulsion: Etiology, Diagnosis, Surgical Anatomy and Management. Parkes, M. L. and Kanodia, R. .... 758  
Castelli Membrane Tube for Middle Ear Ventilation. Plotkin, R. P. .... 1173  
Cellulitis, Retropharyngeal. Schlossberg, D. and Fugate, J. S. .... 1738  
Cementifying Fibroma of the Jaws — Recurrent. Sweet, R. M., Bryarly, R. C., Kornblut, A. D. and Corio, R. L. .... 1137  
Central Auditory Battery Testing in Brain Stem Disease. Hendershot, E. L., Wood, J. W. and Karnuta, M. A. .... 1801  
Central Tinnitus — Diagnosis and Treatment. Shulman, A. and Seitz, M. R. .... 2025  
Cerebellopontine Angle and Internal Auditory Canal — Computerized Axial Tomography with Air Contrast. Anderson, R., Diehl, J., Maravilla, K., Fancher, J. and Schaefer, S. .... 1083  
Cerebellopontine Angle Tumors — Auditory Brain Stem Responses. Shanon, E., Gold, S. and Himelfarb, M. Z. .... 254  
Cerebrospinal Fluid Rhinorrhea — Non-Traumatic. Shugar, J. M. A., Som, P. M., Eisenman, W. and Biller, H. F. .... 114  
Cerumen for Management of Ear Canal Seborrhea. Storrs, L. A. .... 1231  
Cervical Nodal Metastases of Unknown Origin. Leipzig, B., Winter, M. L. and Hokanson, J. A. .... 593  
Cervical Spine — Treatment of Transpharyngeal Missile Wounds. Schaefer, S. D., Bucholz, R. W., Jones, R. E., Anderson, R. G. and Carder, H. M. .... 146  
Choanal Atresia in the Neonate — Surgical Correction. Lantz, J. H. and Birck, H. G. .... 1629  
Cholesteatoma Bacteriology, Aerobic and Anaerobic. Brook, I. .... 250  
Cholesteatoma in Children. Glasscock, M. E., III, Dickins, J. R. E. and Wiet, R. .... 1743  
Cholesteatoma and Chronic Otitis Media Following Middle Ear Intubation. Buckingham, R. A. .... 1450  
Cholesteatoma in the Petrous Apex. Yanagihara, N. and Matsumoto, Y. .... 272  
Cholesteatomas (Otomastoid) with Intact Eardrum. Cross, J. P., Jr. .... 1145  
Cholesterol Granuloma Idiopathic Blue Eardrum — Positive Pressure. Farrior, B., Kampsen, E. and Farrior, J. B. .... 1286  
Cholesterol Granuloma Presenting as an Isolated Middle Ear Tumor. Miglets, A. W. and Booth, J. B. .... 410  
CID Sentences (Open-Set) Used in Evaluating Multiple Channel Cochlear Implant. Clark, G. M., Tong, Y. C. and Martin, L. F. A. .... 628  
Circulation (Regional Blood) Evaluation of the Hindbrain by Dynamic Computed Tomography. Valvassori, G. E., Mafee, M. F. and Dobben, C. D. .... 1695  
Cleft Palate and Normal Subjects — Patterns of Velopharyngeal Valving: A Multiview

Videofluoroscopic and Nasendoscopic Study. Croft, C. B., Shprintzen, R. J. and Rakoff, S. J. ....	265
Cleft Palate Nose (Unilateral) — Secondary Surgical Treatment of Intranasal Deformities. Lowenthal, G. ....	1641
Clinical Application of Middle Ear Effusion Analyses. Juhn, S. K., Meyerhoff, W. L. and Paparella, M. M. ....	1012
Clinical Electroneurography: Statistical Analysis of Controlled Measurements in 22 Normal Subjects. Hughes, G. B., Josey, A. F., Glasscock, M. E., III, Jackson, C. G., Ray, W. A. and Sismanis, A. ....	1834
Clinical Evaluation of Meniere's Disease. Meyerhoff, W. L., Paparella, M. D. and Gudbrandsson, F. K. ....	1663
Clinical-Pathological Determinants in Prognosis of Fibrous Histiocytomas of the Head and Neck. Blitzer, A., Lawson, W., Zak, F. G., Biller, H. F. and Som, M. L. ....	2053
Clinical Prognostic Significance of the T-B Immunological Classification of Non-Hodgkin's Lymphomas. Ogasawara, H., Fujitani, T., Mizogiri, G. and Hattori, H. ....	125
Coagulation Disorders in Elective Surgical Patients — Evaluation and Management. Fuller, A. M. ....	1484
CO <sub>2</sub> Laser for Tongue Release. Liston, S. L. and Giordano, A., Jr. ....	1010
Cobalt 75 Tagged Bleomycin Assessment as a Clinical Aid in Staging Head and Neck Carcinomas. Cummings, C. W., Larson, S. M., Dobie, R. A., Weymuller, E. A., Jr., Rudd, T. G. and Merello, A. ....	529
Cochlear and Eighth Nerve Pathology Ears — Acoustic Reflex Test. Sanders, J. W., Josey, A. F., Glasscock, M. E., III and Jackson, C. G. ....	787
Cochlear Endolymph and Perilymph — Steep Gradients of Amino Acids. Thalmann, R., Comegys, T. H., DeMott, J. E. and Thalmann, I. ....	1785
Cochlear Implant, Multichannel: Preliminary Results in Man. Michelson, R. P. and Schindler, R. A. ....	38
Cochlear Implant, Multiple-Channel: An Evaluation Using Open-Set CID Sentences. Clark, G. M., Tong, Y. C. and Martin, L. F. A. ....	628
Cochlear Implantation and Rehabilitation — Results. Englemann, L. R., Waterfall, M. K. and Hough, J. V. D. ....	1821
Cochlear Implants — Multichannel. Current Status and Future Developments. Michelson, R. P. and Schindler, R. A. ....	886
Cochlear Implants — Use of Rare-Earth Magnet Couplers. Dorner, K. J., Richard, G. L. and Nordquist, R. ....	1813
Cochlear Pressure (Indirect Measurement) and Perilymph Hypertension. Goode, R. L. ....	1706
Collision Tumor of the Frontal Sinus: Evidence of Prior Intrasinus Instillation of Thorotrast. Cantor, J. O., Adelglass, J., Cerreta, J. M., Kancherla, P. L. and Samara, M. ....	798
Communication Disorders Study — Biochemical and Cytogenetic Techniques. Kimberling, W. J. and Brookhouser, P. E. ....	238
Complications of Combined Radiation Therapy and Surgery for Carcinoma of the Larynx and Inferior Hypopharynx. Thawley, S. E. ....	677
Complications of Space Infections of the Head and Neck. Wills, P. I. and Vernon, R. P. ....	1129
Complications of Tonsillectomy as Originally Described by Samuel J. Crowe, M.D. Cathlin, F. I. ....	75
Composite Nasal Septal Graft in the Management of Advanced Laryngotracheal Stenosis. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Toohill, R. J. ....	233
Comprehensive Hearing Aid Program within an Ear, Nose and Throat Office. Pou, J. W., Snelling, B. C. and Vekovius, W. A. ....	1074
Computed Tomography (Dynamic) — Evaluation of the Regional Blood Circulation of the Hindbrain. Valvassori, G. E., Mafee, M. F. and Dobben, G. D. ....	1695
Computed Tomography (High Resolution) in the Staging of Carcinoma of the Larynx. Sagel, S. S., AufderHeide, F. J., Aronberg, D. J., Stanley, R. J. and Archer, C. R. ....	292

Computed Tomography in Maxillofacial Trauma. Rowe, L. D., Miller, E. and Brandt-Zawadski, M. ....	745
Computed Axial Tomography with Air Contrast of the Cerebellopontine Angle and Internal Auditory Canal. Anderson, R., Diehl, J., Maravilla, K., Fancher, J. and Schaefer, S. ....	1083
Congenital Cricoid Stenosis. Morimitsu, T., Okada, S., Matsumoto, I., Takahashi, M. and Kosugi, T. ....	1356
Congenital External and Middle Ear Anomalies — Polytomography. Wright, J. W., Jr. ....	1806
Congenital Laryngeal Stridor Secondary to Flaccid Epiglottis, Anomalous Accessory Cartilages and Redundant Aryepiglottic Folds. Templer, J., Hast, M., Thomas, J. R. and Davis, W. E. ....	394
Contralateral Ear in Acoustic Tumors and Hearing Conservation. Clemis, J. D., Mastricola, P. G. and Schuler-Vogler, M. ....	1792
Correction of the "Right Hooked" Nose. Mann, D. G. and Pillsbury, H. C. ....	1562
Cranial Nerve (Eighth) Gross and Microscopic Anatomy in Relationship to the Solitary Schwannoma. Neely, J. G. ....	1512
Cranial Nerve (Seventh) Resection Followed by Spontaneous Return of Facial Motion. Norris, C. W. and Proud, G. O. ....	211
Craniofacial Resections — Pericranial Flap for Closure of Defects. Johns, M. E., Winn, H. R., McLean, W. C. and Cantrell, R. W. ....	952
Craniometaphyseal Dysplasia. The First Successful Surgical Treatment for Associated Hearing Loss. ....	1369
Cricoid Stenosis (Congenital). Morimitsu, T., Okada, S., Matsumoto, I., Takahashi, M. and Kosugi, T. ....	1356
Crowe, Samuel J.. M.D. — Original Description of Pulmonary Complications of Tonsillectomy. Catlin, F. I. ....	52
Cryocauterization in the Treatment of Subglottic Hemangioma in Infants. Jokinen, K., Palva, A. and Karja, J. ....	78
Cutaneous Aids in the Diagnosis of Oral Ulcers. Armstrong, R. B. ....	31
Cutaneous Telangiectatic Lesions — Argon Laser Destruction. Lyons, G. D., Owens, R. E. and Mouney, D. F. ....	1322
Cytogenetic and Biochemical Techniques for the Study of Communication Disorders. Kimberling, W. J. and Brookhouser, P. E. ....	238
Cytomegalovirus and the Otolaryngologist. Strauss, M. ....	1995

## D

Diagnostic Advantages of the Torok Monothermal Differential Caloric Test. Kumar, A. ....	1679
Differential Diagnosis of the Mass in the Neck. A Fresh Look. Miller, D., Ervin, T., Weichselbaum, R. and Fabian, R. L. ....	140
Dihydroxyanthracenediones and Adriamycin (Preoperative) — Effect on Wound Healing. Mullen, B. J., Mattox, D. E., Von Hoff, D. D. and Hearne, E. H. ....	1436
Diverticulotomy (Endoscopic) Rescue — Severe Complication of a Zenker's Diverticulum. White, I. L. ....	708
Donor Sites — Dressings for Split Thickness Skin Graft. Weymuller, E. A., Jr. ....	652
Down's Syndrome: A Modern Otorhinolaryngological Perspective. Strome, M. ....	1581
Dressings for Split Thickness Skin Graft. Donor Sites. Weymuller, E. A., Jr. ....	652
Drugs — Non-Invasive Method of Qualitative and Quantitative Measurement. Westerman, S. T. and Gilbert, L. M. ....	1536
Ductus Arteriosus Formalin Infiltration Followed by Recurrent Laryngeal Nerve Damage. Seibert, W. R., Seibert, J. J., Norton, J. B. and Williams, D. ....	392
Dysphonia (Postoperative) Vocal Symptomatology. Wolfe, V. I. and Ratusnik, D. L. ....	635
Dysplasia, Craniometaphyseal. The First Successful Surgical Treatment for Associated Hearing Loss. Shea, J., Gerbe, R. and Ayani, N. ....	1369

## E

Ear Anomalies (Congenital External and Middle) and Polytomography. Wright, J. W., Jr. .... 1806

Ear, Nose and Throat Office Comprehensive Hearing Aid Program. Pou, J. W., Snelling, B. C. and Vekovius, W. A. .... 1074

Ear Surgery (Only Hearing). Althaus, S. R. .... 765

Eardrum, Idiopathic Blue, Cholesterol Granuloma — Positive Pressure. Farror, B., Kampsen, E. and Farror, J. B. .... 1286

E. Coli Virulence and Normal Human Oral Flora — Effect of Hemolyzed Erythrocytes, in a Mouse Model. Hoffman, H. T., Davidson, T. M. and Fierer, J. .... 910

Effect of Geniohyoid, Cricothyroid and Sternohyoid Muscle Stimulation on Voice Fundamental Frequency by Electrically Elicited Phonation in Rhesus Macaque. Sapir, S., Campbell, C. and Larson, C. .... 457

Effect of Hemolyzed Erythrocytes in the Virulence of E. Coli and of Normal Human Oral Flora in a Mouse Model. Hoffman, H. T., Davidson, T. M. and Fierer, J. .... 910

Effect of Nasal Packing on Sleep Breathing and Nocturnal Oxygen Desaturation. Taasan, V., Wynne, J. W., Cassisi, N. and Block, A. J. .... 1163

Effect of Preoperative Adriamycin and Dihydroxyanthracenedione on Wound Healing. Mullen, B. M., Mattox, D. E., Von Hoff, D. D. and Hearne, E. H. .... 1436

Effects of Age, Sex, Hearing Loss and Water Temperature on Caloric Nystagmus. Karlsson, E. A., Hassanein and Goetzinger, C. P. .... 620

Effusion (Middle Ear) Analyses — Clinical Application. Juhn, S. K., Meyerhoff W. L. and Paparella, M. M. .... 1012

Eighth Nerve and Cochlear Pathology Ears — Acoustic Reflex Test. Sanders, J. W., Josey, A. F., Glasscock, M. E., III and Jackson, C. G. .... 787

Electrical Stimulation, New Technique: Identification of the Motor Laryngeal Nerves. Spahn, J. G., Biza, J., Ferguson, S. and Lingeman, R. E. .... 1865

Electroglottographic Studies of Staffieri Neoglottis. Lecluse, F. L., Tiwari, R. M. and Snow, G. B. .... 971

Electromyographic Technique for Evaluation of Intrinsic Laryngeal Muscle Activity in Man. Rafferty, T. C. and Sasaki, C. .... 1191

Electroneurography, Clinical: Statistical Analysis of Controlled Measurements in 22 Normal Subjects. Hughes, G. B., Josey, A. F., Glasscock, M. E., III, Jackson, C. G., Ray, W. A. and Sismanis, A. .... 1834

Endolaryngeal Surgery — Suturing Techniques. Kirchner, F. R. .... 1860

Endolymph and Perilymph (Cochlear) — Steep Gradients of Amino Acids. Thalmann, R., Comegys, T. H., DeMott, J. E. and Thalmann, I. .... 1785

Endolymphatic Sac — Identifying the Lumen. Balkany, T. J. .... 2129

Endolymphatic Sac Surgery. Maddox, H. E., III. .... 1058

Endolymphatic Subarachnoid Shunt for Meniere's Disease in the Only Hearing Ear. Pulec, J. L. .... 771

ENG Findings in Comparison to Rotary Chair Results. Pappas, D. G. .... 1278

Environment (Respired) Effects on the Nose. Ballenger, J. J. .... 1622

Epidemiology of Head and Neck Cancer. Keane, W. M., Atkins, J. F., Jr., Wetmore, R. and Vidas, M. .... 2037

Epidermoid Carcinoma of the Head and Neck — Use of Radioisotope Scans in the Pre-operative Evaluation. King, A. I. and Johnson, P. E. .... 1052

Episthesis — Bone-Anchored Auricular. Tjellström, A., Lindström, J., Nylen, O., Albrektsson, T., Bränemark, P.-I., Birgersson, B., Nero, H. and Sylven, C. .... 811

Epitympanum-Attic Irrigation. Brown, L. A. .... 1561

Erythrocytes (Hemolyzed) Effect in the Virulence of E. Coli and of Normal Human Oral Flora in a Mouse Model. Hoffman, H. T., Davidson, T. M. and Fierer, J. .... 910

Ethmoidectomies — Rare Complications: A Report of Eleven Cases. Maniglia, A. J., Chandler, J. R., Goodwin, W. J., Jr. and Flynn, J. ....	1234
Eustachian Tube (Patulous) and Autophony. O'Connor, A. F. and Shea, J. J. ....	1427
Eustachian Tube (Patulous) Management. Bluestone and Cantekin, E. I. ....	149
Evaluation and Management of Coagulation Disorders in Elective Surgical Patients. Fuller, A. M. ....	1484
Evaluation of the Regional Blood Circulation of the Hindbrain by Dynamic Computed Tomography. Valvassori, G. E., Mafee, M. F. and Dobben, G. D. ....	1695
Experience with Tympanoplasty for Atelectatic Ears. Paparella, M. M. and Jung, T. T. K. ....	1472
Explosion, Laser-Ignited Intratracheal — Acute Management. Schramm, V. L., Jr., Mattox, D. E. and Stool, S. E. ....	1417
External Auditory Canal, Mastoid and Middle Ear Total Obliteration. A Review of 27 Cases. Bartles, L. J. and Sheehy, J. L. ....	1100
External Auditory Canal — Method of Reconstruction or Preservation. S. J. Brockman. ....	883
External Immobilization for Mandibular Reconstruction. Gavron, J. P. and Shugar, M. A. ....	1016
External Otitis, Malignant: The Diagnostic Value of Bone Scintigraphy. Ostfeld, E., Aviel, A. and Pelet, D. ....	990
External Septorhinoplasty. A Tool for Teaching and for Improved Results. Wright, W. K. and Kridel, R. W. H. ....	945

## F

Facial Motion Spontaneous Return Following Seventh Cranial Nerve Resection. C. W. Norris and G. O. Proud. ....	211
Facial Nerve in Congenital Middle Ear Malformations. Jahrsdoerfer, R. A. ....	1217
Facial Neurectomy (Selective) for Essential Blepharospasm. Spector, G. J., Smith, P. G. Burde, R. M. ....	1896
Facial Neurilemmomas. Horn, K. L., Crumley, R. L. and Schindler, R. A. ....	1326
Facial Paralysis — Occult Neoplasms. Conley, J. and Selfe, R. W. ....	205
Failures in Surgery for Stapedial Otosclerosis. Freeman, J. ....	1245
Familial Non-Chromaffin Paragangliomas (Glomus Tumors): Clinical Aspects. Baars, F., van Broek, P. van den, Cremer, C. and Veldman, J. ....	988
Fiberoptic Bronchoscope (Flexible) Experience: Laryngoscopy in Neonates and Infants. Fan, L. L. and Flynn, J. W. ....	451
Fibroma of the Jaws — Recurrent Cementifying. Sweet, R. M., Bryarly, R. C., Kornblut, A. D. and Corio, R. L. ....	1137
Fibroma (Ossifying) of the Head and Neck: Involvement of Temporal Bone. Levine, P. A., Wiggins, R., Archibald, R. W. R. and Britt, R. ....	720
Fibrous Histiocytomas of the Head and Neck — Clinical-Pathological Determinants in Prognosis. Blitzer, A., Lawson, W., Zak, F. G., Biller, H. F. and Som, M. L. ....	2053
Fistulas, Perilymph. Althaus, S. R. ....	538
Fistulas, Perilymphatic. Waguestock, R. W. and Love, J. T., Jr. ....	1118
Flap (Abbe-Estlander) Modification for Defects of the Lower Lip. Templer, J., Renner, G., Davis, W. E. and Thomas, J. R. ....	153
Flap, Pericranial, for the Closure of Defects of Craniofacial Resections. Johns, M. E., Winn, H. R., McLean, W. C. and Cantrell, R. W. ....	952
Flap (Rotation) for Low Posterior Auricular Defects. Templer, J., Davis, W. E. and Thomas, J. R. ....	826
Flap (Sliding Chest Wall) for the Management of Advanced Laryngeal Carcinoma with Anterior Cervical Skin Invasion. Bogdasarian, J., Healy, G. B., Di Troia, J., Shapsay, S. M. and Strong, M. S. ....	644
Flap — Trapezius Myocutaneous Island. Gantz, B. J. and Panje, W. R. ....	1196

Flaps, Advancement and Rotation — Biomechanics. Larabee, W. F., Jr. and Sutton, D. . . . . 726  
 Flaps, Myocutaneous: Strategy for Utilization. Bone, R. C. . . . . 735  
 Floor of the Mouth and Neck — Lymphatics: Anatomical Studies Related to Contralateral Drainage Pathways. Ossoff, R. H. and Sisson, G. A. . . . . 1847  
 Foley Catheter — New Device for Nasal Fixation. Nassif, A. C. N. . . . . 1384  
 Food Sensitivities Production — Immunologic Mechanisms. Trevino, R. J. . . . . 1913  
 Foreign Body in the Nasal Cavity — Plasmacytoma Arising in the Vicinity. Ben-David, J., Fradis, M., Podoshin, L. and Bartal, A. H. . . . . 1150  
 Formalin Infiltration of Ductus Arteriosus Followed by Recurrent Laryngeal Nerve Damage. Seibert, R. W., Seibert, J. J., Norton, J. B. and Williams, D. . . . . 392  
 Free Jejunal Graft in Head and Neck Reconstruction. Gluckman, J. L., McDonough, J., Donegan, J. O., Crissman, J. D., Fullen, W. and Shumrick, D. A. . . . . 1887  
 Freedom from Ototoxicity in Aminoglycoside Treated Neonates: A Mistaken Notion. Bernard, P. A. . . . . 1985  
 Frontal Sinus Collision Tumor: Evidence of Prior Intranasinus Instillation of Thorotrust. Cantor, M. O., Adelglass, J., Cerreta, J. M., Kancherla, P. L. and Samara, M. . . . . 798  
 Frontal Sinusotomy (Osteoplastic) — Transillumination. Hybels, R. L. . . . . 1560

## G

Gas Exchange Changes in the Blood and Temporary Artificial Obstruction of the Nose. Cveticic, V., Cveticic, S. and Grbac, I. . . . . 1001  
 Glomus Tumors — Familial Non-Chromaffinic Paragangliomas: Clinical Aspects. Baars, F. van, Broek, P. van den, Creemers, C. and Veldman, J. . . . . 988  
 Glottic and Subglottic Stenosis (Combined Advanced) in Infancy and Childhood — Management. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Cotton, R. T., Richardson, M. A. and Seid, A. B. . . . . 221  
 Graft, Composite Nasal Mucoseptal, after Partial Laryngectomy — Laryngeal Reconstruction. Three Years Follow-up. Laurian, N. and Zohar, Y. . . . . 609  
 Grafts, Irradiated Autogenous Mandibular in Primary Reconstructions. Hamaker, R. C. . . . . 1031  
 Granuloma (Cholesterol) Presenting as an Isolated Middle Ear Tumor. Miglets, A. W. and Booth, J. B. . . . . 410  
 Gross and Microscopic Anatomy of the Eighth Cranial Nerve in Relationship to the Solitary Schwannoma. Neely, J. G. . . . . 1512

## H

Harmonic Acceleration (Low-Frequency) in Patients with Acoustic Neuromas — Responses. Olson, J. E., Wolfe, J. W. and Engleken, E. J. . . . . 1270  
 Head and Neck Advanced Carcinoma Treated with Methotrexate-Leucovorin Prior to Definitive Radiotherapy or Surgery — Improved Survival for Patients. Ervin, T. J., Weichselbaum, R. R., Miller, D., Kirkwood, J. and Frei, E., III. . . . . 1181  
 Head and Neck Cancer Epidemiology. Keane, W. M., Atkins, J. R., Jr., Wetmore, R. and Vidas, M. . . . . 2037  
 Head and Neck Cancer Patient with Autoimmune Thrombocytopenic Purpura-Like Syndrome. Jubelirer, S. J., Goodloe-Greens, L. and Deykin, D. . . . . 408  
 Head and Neck Carcinoma Staging — Cobalt 57 Tagged Bleomycin Assessment as a Clinical Aid. Cummings, C. W., Larson, S. M., Dobie, R. A., Weymuller, E. A., Jr., Rudd, T. G. and Merello, A. . . . . 529  
 Head and Neck Fibrous Histiocytomas — Clinical-Pathological Determinants in Prognosis. Blitzer, A., Lawson, W., Zak, F. G., Biller, H. F. and Som, M. L. . . . . 2053  
 Head and Neck — *Hemophilus influenzae* Type B Soft Tissue Infections. Simpson, G. T., II, McGill, T. I. J. and Healy, G. B. . . . . 17  
 Head and Neck Involvement with Malignant Histiocytosis (MH): Case Report and Literature Review. Luedke, S. L., Luedke, D. W. and McCabe, K. . . . . 982

Head and Neck Ossifying Fibroma: Involvement of Temporal Bone. Levine, P. A., Wiggin, R., Archibald, R. W. A. and Britt, R. ....	720
Head and Neck Reconstruction — Free Jejunal Graft. Gluckman, J. L., McDonough, J., Donegan, J. O., Crissman, J. D., Fullen, W. and Shumrick, D. A. ....	1887
Head and Neck — Simultaneous (Non-Epidermoid) Neoplasms. Strauss, M. and Sharkey, F. E. ....	432
Head and Neck Space Infections — Complications. Wills, P. I. and Vernon, R. P., Jr. ....	1129
Hearing Aid Program (Comprehensive) within an Ear, Nose and Throat Office. Fou, J. W., Snelling, B. C. and Vekovius, W. A. ....	1074
Hearing Changes Following Stapedectomy: A Six Year Follow-up. Ginsberg, I. A., Hoffman, S. R., White, T. P. and Stiniano, G. D. ....	87
Hearing Conservation and Acoustic Tumors — the Contralateral Ear. Clemis, J. D., Mastricola, P. G. and Schuler-Vogler, M. ....	1792
Hearing Impairment Associated with Chronic Renal Failure. Kligerman, A. B., Ventry, I. M., Solangi, K. B., Goodman, A. I. and Weseley, S. A. ....	583
Hearing Loss (Associated) — First Successful Surgical Treatment: Craniometaphyseal Dysplasia. Shea, J., Gerbe, R. and Ayani, N. ....	1369
Hearing Loss, Conductive, High Frequency. Mustain, W. D. and Hasseltine, H. E. ....	599
Hearing Loss, Sensorineural, in the Otosclerotic Unoperated-On Ear. DuVall, M. D., Caparosa, R. J. and Bailey, H. A. T., Jr. ....	197
Hearing Loss, Unilateral — Auditory Brain Stem Response. Ozdamar, O. and Stein, L. ....	565
Hearing Loss (Unilateral, Sudden) after Open Heart Surgery: A Detailed Study of Seven Cases. Plasse, H. M., Mittleman, M. and Frost, J. O. ....	101
Heat Exchange in the Nose. Taylor, M. ....	1606
Hemangioma (Nasopharyngeal) Causing Airway Obstruction in Infancy. Strauss, M., Widome, M. D. and Roland, P. S. ....	1365
Hemangioma (Subglottic) in Infants — Treatment by Cryocauterization. Jokinen, K., Palva, A. and Karja, J. ....	78
Hemolyzed Erythrocytes' Effect in the Virulence of <i>E. Coli</i> and of Normal Human Oral Flora in a Mouse Model. Hoffman, H. T., Davidson, T. M. and Fierer, J. ....	910
Hemophilus Influenzae Type B Soft Tissue Infections of the Head and Neck. Simpson, C. T., II, McCull, T. I. J. and Healy, C. B. ....	17
Hereditary Angioedema: Association with IgA Deficiency and Otolaryngologic Disorders. Bond, W. R., Jr., Herrod, H. C. and Duberstein, L. E. ....	416
Heterotopic Salivary Tissue and Branchial Cleft Sinus. Goodman, R. S., Daly, J. F. and Valensi, Q. ....	260
High Frequency Conductive Hearing Loss. Mustain, W. D. and Hasseltine, H. E. ....	599
High Resolution Computed Tomography in the Staging of Carcinoma of the Larynx. Sagal, S. S., AufderHeide, F. J., Aronberg, D. J., Stanley, R. J. and Archer, C. R. ....	292
Hindbrain — Evaluation of the Regional Blood Circulation by Dynamic Computed Tomography. Valvassori, G. E., Mafee, M. F. and Dobben, G. D. ....	1695
Histiocytomas (Fibrous) of the Head and Neck — Clinical-Pathological Determinants in Prognosis. Blitzer, A., Lawson, W., Zak, F. G., Biller, H. F. and Som, M. L. ....	2053
Histiocytosis, Malignant (MH) with Head and Neck Involvement: Case Report and Literature Review. Luedke, S. L., Luedke, D. W. and McCabe, K. ....	982
Histopathologic Changes (Early) and Pathogenic Mechanism in Malignant External Otitis. Ostfeld, E., Segal, M. and Czernobilsky, B. ....	965
Holistic Approach to Meniere's Disease. Medical and Surgical Management. Wiet, R. J., Kazan, R. and Shambaugh, G. E., Jr. ....	1647
Homograft Septal Cartilage for Attic Support in Intact Canal Wall Tympanomastoidectomy and Tympanoplasty. Pappas, J. J., Bailey, H. A. T., Jr., McCrew, R. N. and Graham, S. S. ....	1457
Honored Guest's Address. Rosenwasser, H. ....	7

Hyoid Graft Use for Treatment of Laryngotracheal Stenosis. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Thawley, S. E. and Ogura, J. H. ....	226
Hypercalcemia (Associated), Caused by Primary Hyperparathyroidism and Laryngeal Carcinoma. Haar, J. G. and Boulos, E. J. ....	1937
Hyperpyrexia, Malignant: An Update for the Otolaryngologist. Schvaneveldt, J. A. and Stankiewicz, J. A. ....	918
Hypertension (Perilymph) and the Indirect Measurement of Cochlear Pressure. Goode, R. L. ....	1706
Hypertrophy, Adenoid, and Chronic Adenotonsillitis — Comparison Between Patients: Aerobic and Anaerobic Bacteriology of Adenoids in Children. Brook, I. ....	377
Hypopharynx (Inferior) and Larynx Carcinoma — Complications of Combined Radiation Therapy and Surgery. Thawley, S. E. ....	677

## I

Identification of the Motor Laryngeal Nerves: A New Electrical Stimulation Technique. Spahn, J. G., Bizal, J., Ferguson, S. and Lingeman, R. E. ....	1865
Identifying the Lumen of the Endolymphatic Sac. Balkany, T. J. ....	2129
Idiopathic Blue Eardrum (Cholesterol Granuloma) — Positive Pressure. Farrior, B., Kampsen, E. and Farrior, J. B. ....	1286
IgA Deficiency and Otolaryngologic Disorders Association: Hereditary Angioedema. Bond, W. R., Jr., Herrrod, H. G. and Duberstein, L. E. ....	416
Immune System (Local) in the Developing Fetal Larynx. Nakashima, T., Makishima, K., Komiyama, S., Takeda, K. and Ikuichiro, H. ....	398
Immunologic Mechanisms in the Production of Food Sensitivities. Trevino, R. J. ....	1913
Immunosuppressed Patients (Pediatric) — Bronchoscopy as an Aid in the Diagnosis of Pneumonia. Dudley, J. P. and Martin, W. J. ....	1379
Immunosuppression and the Development of Malignancies of the Upper Airway and Related Structures. Harris, J. P. and Penn, I. ....	520
Implant, Multichannel Cochlear. Preliminary Results in Man. Michelson, R. P. and Schindler, R. A. ....	38
Implantation, Cochlear, and Rehabilitation — Results. Engelmann, L. R., Waterfall, M. K. and Hough, J. V. D. ....	1821
Implants (Alloplastic) — A Clinical Analysis. Binder, W. J., Parkes, M. D. and Kamer, F. M. ....	383
Implants, Multichannel Cochlear. Current Status and Future Developments. Michelson, R. P. and Schindler, R. A. ....	886
Improved Survival for Patients with Advanced Carcinoma of the Head and Neck Treated with Methotrexate-Leucovorin Prior to Definitive Radiotherapy or Surgery. Ervin, T. J., Weichselbaum, R. R., Miller, D., Kirkwood, J. and Frei, E., III. ....	1181
Incidence of Neoplastic vs. Inflammatory Disease in Major Salivary Gland Masses Diagnosed by Surgery. Gallia, L. J. and Johnson, J. T. ....	512
Indications and Methods for Performance of Osteoplastic-Obliterative Frontal Sinusotomy. Description of a New Method and Some Remarks upon the Present State of the Art of External Frontal Sinus Surgery. ....	927
Infections of the Face and Neck — Nontuberculous Mycobacterial. Olson, N. R. ....	1714
Infections — <i>Haemophilus Influenzae</i> Type B Soft Tissue — of the Head and Neck. Simpson, G. T., II, McGill, T. I. J. and Healy, G. B. ....	17
Inflammatory vs. Neoplastic Disease (Incidence) in Major Salivary Gland Masses Diagnosed by Surgery. Gallia, L. J. and Johnson, J. T. ....	512
Infratemporal Fossa, A New Method for En Bloc Resection of Malignancies: Stylohamular Dissection. Friedman, W. H., Katsantonis, G. P., Cooper, M. H. and Lee, J. M. ....	1869
Insulin Levels (Abnormal) and Vertigo. Proctor, C. A. ....	1657
Internal Auditory Canal and Cerebellopontine Angle — Computerized Axial Tomography with Air Contrast. Anderson, R., Diehl, J., Maravilla, K., Fancher, J. and Schaefer, S. ....	1083

Intranasal Deformities (Secondary Surgical Treatment) of the Unilateral Cleft Palate Nose. Lowenthal, G. ....	1641
Intratemporal Vascular Tumors — Management. Mangham, C. A., Carberry, J. N. and Brackmann, D. E. ....	867
Intratracheal Laser-Ignited Explosion — Acute Management. Schramm, V. L., Jr., Mattox, D. E. and Stool, S. E. ....	1417
Intubation, Middle Ear, Followed by Cholesteatoma and Chronic Otitis Media. Bucking- ham, R. A. ....	1450
Irradiated Autogenous Mandibular Grafts in Primary Reconstructions. Hamaker, R. C. ....	1031
Irradiation (Radical) for Carcinoma of the Pyriform Sinus. Million, R. R. and Cassisi, J. ....	439
Irrigation, Epitympanum-Attic. Brown, L. A. ....	1561
<b>J</b>	
Jaws — Recurrent Cementifying Fibroma. Sweet, R. M., Bryarly, R. C., Kornblut, A. D. and Corio, R. L. ....	1137
Jejunum Graft (Free) in Head and Neck Reconstruction. Gluckman, J. L., McDonough, J., Donegan, J. O., Crissman, J. D., Fullen, W. and Shumrick, D. A. ....	1887
<b>L</b>	
Laryngeal Carcinoma with Anterior Cervical Skin Invasion — Sliding Chest Wall Flap for Management. Bogdasarian, J., Healy, G. B., Di Troia, J., Shapshay, S. M. and Strong, M. S. ....	644
Laryngeal Carcinoma and Hyperparathyroidism: A Cause of Associated Hypercalcemia. Harr, J. G. and Boulos, E. J. ....	1937
Laryngeal Lymphoscintigraphy. Jackson, B. S., Rosenthal, L. and Attia, E. ....	2085
Laryngeal Muscle Activity in Man — Technique for Electromyographic Evaluation. Raf- ferty, T. C. and Sasaki, C. ....	1191
Laryngeal Nerves (Motor) Identification: A New Electrical Stimulation Technique. Spahn, J. G., Bizal, J., Ferguson, S. and Lingeman, R. E. ....	1865
Laryngeal Nerve (Recurrent) Damage Following Formalin Infiltration of Ductus Ar- teriosus. Seibert, R. W., Seibert, J. J., Norton, J. B. and Williams, D. ....	392
Laryngeal Prosthesis — New Technique for Insertion. Henley-Cohn, J. ....	1957
Laryngeal Reconstruction by Composite Nasal Mucoseptal Graft after Partial Laryngec- tomy. Three Years Follow-up. Laurian, N. and Zohar, Y. ....	609
Laryngeal Stridor (Congenital) Secondary to Flaccid Epiglottis, Anomalous Accessory Car- tilages and Redundant Aryepiglottic Folds. Templer, J., Hast, M., Thomas, J. R. and Davis, W. E. ....	394
Laryngeal Tuberculosis. Espinoza, C. G., Montano, P. and Saba, S. R. ....	110
Laryngectomy, Partial Followed by Laryngeal Reconstruction by Composite Nasal Muco- septal Graft. Three Years Follow-up. Laurian, N. and Zohar, Y. ....	609
Laryngectomy, Subtotal. Pearson, B. W. ....	1904
Laryngitis, Tuberculous: A Series of 37 Patients. Bailey, C. M. and Windle-Taylor, P. C. ....	83
Laryngoscopy in Neonates and Infants: Experience with the Flexible Fiberoptic Broncho- scope. Fan, L. L. and Flynn, J. W. ....	451
Laryngotracheal Stenosis Treated with Hyoid Graft. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Thawley, S. E. and Ogura, J. H. ....	226
Larynx, Artificial: Review and Development of a Prototype Self-Contained Intra-Oral Artificial Larynx. Lowry, L. D. ....	1332
Larynx Carcinoma Staging with High Resolution Computed Tomography. Sagel, S. S., AufderHeide, J. F., Aronberg, D. J., Stanley, R. J. and Archer, C. R. ....	292
Larynx, Developing Fetal — Local Immune System. Nakashima, T., Makishima, K., Komi- yama, S., Takeda, K. and Ikuichiro, H. ....	398
Larynx and Inferior Hypopharynx Carcinoma — Complications of Combined Radiation Therapy and Surgery. Thawley, S. E. ....	677

Laser (Argon) in Acoustic Tumor Surgery. Glasscock, M. E., III, Jackson, C. G. and Whitaker, S. R. .... 1405

Laser ( $\text{CO}_2$ ) for Tongue Release. Liston, S. L. and Giordano, A., Jr. .... 1010

Laser-Ignited Intratracheal Explosion — Acute Management. Schramm, V. L., Jr., Mattox, D. E. and Stool, S. E. .... 1417

Lasers, Argon and  $\text{CO}_2$  in Otolaryngology: Which One, When, and Why? DiBartolomeo, J. R. .... Suppl. No. 26, Sept. 1981

Lip (Lower) Defects — Modification of the Abbe-Estlander Flap. Templer, J., Renner, G., Davis, W. E. and Thomas, J. R. .... 153

Liposarcoma of the Neck. Kaplan, R., Bratcher, G. O., Freeman, D., Seid, A. B. and Cotton, R. .... 1375

Local Immune System in the Developing Fetal Larynx. Nakashima, T., Makishima, K., Komiyama, S., Takeda, K. and Ikuichiro, H. .... 398

Long Custom-Made Plastic Tracheostomy Tube in Severe Tracheomalacia. Shapiro, R. S. and Martin, W. M. .... 355

Long-Term Middle Ear Ventilation. Per-Lee, J. H. .... 1063

Loose Wire Syndrome. McGee, T. M. .... 1478

Lymphadenopathy, Mycobacterial Cervical: 1981 Update. Appling, D. and Miller, R. H. .... 1259

Lymphatics of the Floor of the Mouth and Neck: Anatomical Studies Related to Contralateral Drainage Pathways. Ossoff, R. H. and Sisson, G. A. .... 1847

Lymphomas (Non-Hodgkins) T-B Immunological Classification — Clinical Prognostic Significance. Ogasawara, H., Fujitani, T., Mizogiri, G. and Hattori, H. .... 125

Lymphoreticular Neoplasm in the Nose. Kronschnabel, E. F. .... 1595

Lymphoscintigraphy, Laryngeal. Jackson, B. S., Rosenthal, L. and Attia, E. .... 2085

## M

Magnet Couplers (Rare-Earth) — Use in Cochlear Implants. Dormer, K. J., Richard, G. L. and Nordquist, R. .... 1813

Malignancies (Development) of the Upper Airway and Related Structures — Immunosuppression. Harris, J. P. and Penn, I. .... 520

Malignant External Otitis: The Diagnostic Value of Bone Scintigraphy. Ostfeld, E., Aviel, A. and Pelet, D. .... 960

Malignant External Otitis: Early Histopathologic Changes and Pathogenic Mechanism. Ostfeld, E., Segal, M. and Czernobilsky, B. .... 965

Malignant Histiocytosis (MH) with Head and Neck Involvement: Case Report and Literature Review. Luedke, S. L., Luedke, D. W. and McCabe, K. .... 982

Malignant Hyperpyrexia: An Update for the Otolaryngologist. Schwaneveldt, J. A. and Stankiewicz, J. A. .... 918

Malleus Fixation (Primary): Diagnosis and Treatment. Moon, C. N., Jr. and Hahn, M. J. .... 1298

Management of Canal Stenosis with a Transposition Flap. Adkins, W. Y. and Osguthorpe, J. D. .... 1267

Management of Combined Advanced Clottic and Subglottic Stenosis in Infancy and Childhood. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Cotton, R. T., Richardson, M. A. and Seid, A. B. .... 221

Management of Ear Canal Seborrhea with Cerumen. Storrs, L. A. .... 1231

Management of Intratemporal Vascular Tumors. Mangham, C. A., Carberry, J. N. and Brackmann, D. E. .... 867

Management of Inverted Papilloma of the Nose and Paranasal Sinuses. Myers, E. N., Schramm, V. L., Jr. and Barnes, E. L. .... 2071

Management of Nasal Septal Abscess. Ambrus, P. S., Eavey, R. D., Baker, A. S., Wilson, W. R. and Kelly, J. H. .... 575

Management of the Patulous Eustachian Tube. Bluestone, C. E. and Cantekin, E. I. .... 149

Mandibular Grafts (Irradiated Autogenous) in Primary Reconstructions. Hamaker, R. C. 1031  
 Mandibular Reconstruction — External Immobilization. Gavron, J. P. and Shugar, M. A. . 1016  
 Mass in the Neck Differential Diagnosis: A Fresh Look. Miller, D., Ervin, T., Weichselbaum, R. and Fabian, R. L. .... 140  
 Mastoid and Middle Ear Aeration in Tympanoplasty. Wehrs, R. E. .... 1463  
 Mastoid, Middle Ear, and External Auditory Canal Total Obliteration. A Review of 27 Cases. Bartles, L. J. and Sheehy, J. L. .... 1100  
 Maxillary Sinus — Bilateral Primary Malignant Neoplasms: Report of a Case and Statistical Analysis of the Reports in Japan. Ichimura, K., Nozue, M., Hoshino, T. and Yano, J. .... 804  
 Maxillary Sinus Carcinoma. Lee, F., and Ogura, J. H. .... 133  
 Maxillary Sinuses (Normal) — Aerobic and Anaerobic Bacterial Flora. Brook, J. .... 372  
 Maxillofacial Trauma — Computed Tomography. Rowe, L. D., Miller, E. and Brandt-Zawadski, M. .... 745  
 Meatoplasty. Donaldson, J. A. .... 1754  
 Medial Canthoplasty: Early and Delayed Repair. Duvall, A. J., III, Foster, C. A., Lyons, D. P. and Letson, R. D. .... 173  
 Medicamentosa, Rhinitis. Toohill, R. J., Lehman, R. H., Grossman, T. W. and Belson, T. P. .... 1614  
 Ménière's Disease — Clinical Evaluation. Meyerhoff, W. L., Paparella, M. D. and Gudbrandsson, F. K. .... 1663  
 Ménière's Disease — Holistic Approach. Medical and Surgical Management. Wiet, R. J., Kazan, R. and Shambaugh, G. E., Jr. .... 1647  
 Ménière's Disease in the Only Hearing Ear — Endolymphatic Subarachnoid Shunt. Pulec, J. L. .... 771  
 Ménière's Disease — Polytomography. Austin, D. F. .... 1669  
 Ménière's Disease — Recovery Nystagmus. McClure, J. A., Copp, J. C. and Lyett, P. .... 1727  
 Mentoplasty — A Clinical Analysis of Alloplastic Implants. Binder, W. J., Parkes, M. L. and Kamer, F. M. .... 383  
 Merthiolate in Treatment of Otomycosis. Schneider, M. L. .... 1194  
 Metastases (Cervical Nodal) of Unknown Origin. Leipzig, B., Winder, M. L. and Hokanson, J. A. .... 593  
 Metastatic Malignant Disease to the Parotid Gland. Yarington, C. T. .... 517  
 Method of Reconstruction or Preservation of External Auditory Canal. Brockman, S. J. .... 883  
 Methotrexate-Leucovorin Treatment Prior to Definitive Radiotherapy or Surgery for Advanced Carcinoma of the Head and Neck — Improved Survival for Patients. Ervin, T. J., Weichselbaum, R. R., Miller, D., Kirkwood, J. and Frei, E., III. .... 1181  
 Microneurral Techniques for Nerve Grafting. Hagan, W. E. .... 1759  
 Middle Ear Effusion Analyses — Clinical Application. Juhn, S. K., Meyerhoff, W. L. and Paparella, M. M. .... 1012  
 Middle Ear Effusion — Value in Preventing: Office Myringotomy for Acute Otitis Media. Schwartz, R. H., Rodriguez, W. J. and Schwartz, D. M. .... 616  
 Middle Ear Intubation Followed by Cholesteatoma and Chronic Otitis Media. Buckingham, R. A. .... 1450  
 Middle Ear Malformations (Congenital) — Facial Nerve. Jahrsdoerfer, R. A. .... 1217  
 Middle Ear and Mastoid Aeration in Tympanoplasty. Wehrs, R. E. .... 1463  
 Middle Ear, Mastoid, and External Auditory Canal Total Obliteration. A Review of 27 Cases. Bartles, L. J. and Sheehy, J. L. .... 1100  
 Middle Ear Tumor (Isolated) vs. Cholesterol Granuloma. Miglets, A. W. and Booth, J. B. 410  
 Middle Ear Ventilation with the Castelli Membrane Tube. Plotkin, R. P. .... 1173  
 Middle Ear Ventilation — Long-Term. Per-Lee, J. H. .... 1063

Migraine Prophylaxis. A New Approach. Ryan, R. E., Sr. and Ryan, R. E., Jr. ....	1501
Missile Wounds (Transpharyngeal) to the Cervical Spine — Treatment. Schaefer, S. D., Bucholz, R. W., Jones, R. E., Anderson, R. G. and Carder, H. M. ....	146
Modification of the Abbe-Estlander Flap for Defects of the Lower Lip. Templer, J., Renner, G., Davis, W. E. and Thomas, J. R. ....	153
Motor Laryngeal Nerves (Identification): A New Electrical Stimulation Technique. Spahn, J. G., Bizal, J., Ferguson, S. and Lingeman, R. E. ....	1865
Motor Nerve Dissection — Pinch Scissors Technique. Sachs, M. E. and Conley, J. ....	822
Mucoceles and Polyposis (Unilateral) in Children. Finn, D. G., Hudson, W. R. and Baylin, G. ....	1444
Mucoseptal Graft (Composite Nasal) after Partial Laryngectomy — Laryngeal Reconstruction. Three Years Follow-up. Laurian, N. and Zohar, Y. ....	609
Multichannel Cochlear Implant. Preliminary Results in Man. Michelson, R. P. and Schindler, R. A. ....	38
Multichannel Cochlear Implants. Current Status and Future Developments. Michelson, R. P. and Schindler, R. A. ....	886
Muscle (Geniohyoid, Cricothyroid and Sternohyoid) Stimulation Effect on Voice Fundamental Frequency of Electrically Elicited Phonation in Rhesus Macaque. Sapir, S., Campbell, C. and Larson, C. ....	457
Multiple-Channel Cochlear Implant: An Evaluation Using Open-Set CID Sentences. Clark, G. M., Tong, Y. C. and Martin, L. F. A. ....	628
Mycobacterial Cervical Lymphadenopathy: 1981 Update. Appling, D. and Miller, R. H. ....	1259
Mycobacterial (Nontuberculous) Infections of the Face and Neck — Practical Considerations. Olson, N. R. ....	1714
Myocutaneous Flaps: Strategy for Utilization. Bone, R. C. ....	735
Myocutaneous Island Flap (Trapezius). Gantz, B. J. and Panje, W. R. ....	1196
Myofascial (Temporalis) Dynamic Sling. Duckert, L. G. and Cummings, C. W. ....	1963
Myringotomy (Office) for Acute Otitis Media: Its Value in Preventing Middle Ear Effusion. Schwartz, R. H., Rodriguez, W. J. and Schwartz, D. M. ....	616

## N

Nasal Cavity Foreign Body — Plasmacytoma Arising in the Vicinity. Ben-David, J., Fradis, M., Podoshin, L. and Bartal, A. H. ....	1150
Nasal Dorsum Lesions — Rhomboid to W-Plasty Technique. Freeman, R. B. and Sobol, S. M. ....	475
Nasal Packing — Effect on Sleep Breathing and Nocturnal Oxygen Desaturation. Taasan, V., Wynne, J. W., Cassisi, N. and Block, A. J. ....	1163
Nasal Septal Abscess Management. Ambrus, P. S., Eavey, R. D., Baker, A. S., Wilson, W. R. and Kelly, J. H. ....	575
Nasal Septal Graft (Composite) in the Management of Advanced Laryngotracheal Stenosis. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Toohill, R. J. ....	233
Nasal and Sinus Resection — Sublabial Approach. Allen, G. W. and Siegel, G. J. ....	1635
Nasal Tip and Dorsum — Surgical Excision and Primary Reconstruction of a Moderate Size Tumor. Henley-Cohn, J. ....	306
Nasal Tuberculosis: A Forgotten Entity. Waldman, S. R., Levine, H. L., Sebek, B. A., Parker, W. and Tucker, H. M. ....	11
Nasopharyngeal Carcinoma: An Evaluation of 209 Patients. Dickson, R. I. ....	333
Nasopharyngeal Hemangioma Causing Airway Obstruction in Infancy. Strauss, M., Widome, M. D. and Roland, P. S. ....	1365
Nasopharynx Tuberculoma. Goodman, R. S., Mattel, S., Kaufman, D. and Grant, J. M. ....	794
Nasopulmonary Reflex and Pulmonary Packs. Jacobs, J. R., Levine, L. A., Davis, H., Lefrak, S. S., Druck, N. S. and Ogura, J. H. ....	279

Neck and Floor of Mouth Lymphatics: Anatomical Studies Related to Contralateral Drainage Pathways. Ossoff, R. H. and Sisson, G. A. .... 1847

Neck Liposarcoma. Kaplan, R., Bratcher, G. O., Freeman, D., Seid, A. B. and Cotton, R. .... 1375

Neck Mass Differential Diagnosis. A Fresh Look. Miller, D., Ervin, T., Weichselbaum, R. and Fabian, R. L. .... 140

Neck Surgery (Radical) — IXth Nerve. Brandenburg, J. H. and Lee, C. Y. S. .... 1851

Necrotizing Sialometaplasia. Gavron, J. P., Ardito, J. A. and Curtis, A. W. .... 1176

Necrotizing Sialometaplasia in the Setting of Acute and Chronic Sinusitis. Granich, M. S. and Pilch, B. Z. .... 1532

Neoglottis (Staffieri) — Electroglossographic Studies. Lecluse, F. L., Tiwari, R. M. and Snow, G. B. .... 971

Neonate — Surgical Correction of Choanal Atresia. Lantz, J. H. and Birek, H. G. .... 1629

Neonates and Infants, Laryngoscopy: Experience with the Flexible Fiberoptic Bronchoscope. Fan, L. L. and Flynn, J. D. .... 451

Neoplasms (Bilateral Primary Malignant) of the Maxillary Sinus: Report of a Case and Statistical Analysis of the Reports in Japan. Ichimura, K., Nozue, M., Hoshino, T. and Yano, J. .... 804

Neoplasms Involving the Head and Neck — Simultaneous (Non-Epidermoid). Strauss, M. and Sharkey, F. E. .... 432

Neoplasms, Occult, in Facial Paralysis. Conley, J. and Selfe, R. W. .... 205

Neoplastic vs. Inflammatory Disease (Incidence) in Major Salivary Gland Masses Diagnosed by Surgery. Callia, L. J. and Johnson, J. T. .... 512

Nerve Grafting — Microneural Techniques. Hagan, W. E. .... 1759

Nerve (Motor) Dissection — Pinch Scissors Technique. Sachs, M. E. and Conley, J. .... 822

Nerve Section, Vestibular — Radiographic Temporal Bone Template as an Aid. Deeb, Z. L., Rotenberg, D., McIntyre, J. and Black, F. O. .... 649

Neurectomy (Selective Facial) for Essential Blepharospasm. Spector, G. J., Smith, P. G. and Burde, R. M. .... 1896

Neurilemmomas, Facial. Horn, K. L., Crumley, R. L. and Schindler, R. A. .... 1326

Neurinoma, Acoustic, in a Population of Noise Exposed Workers. Miller, M. H., Doyle, T. J. and Geier, S. R. .... 363

Neuromas (Acoustic) — Responses of Patients in Low-Frequency Harmonic Acceleration. Olson, J. E., Wolfe, J. W. and Engelken, E. J. .... 1270

New Device for Nasal Fixation of Foley Catheter. Nassif, A. C. N. .... 1384

New Technique for Insertion of Laryngeal Prosthesis. Henley-Cohn, J. .... 1957

Ninth Nerve in Radical Neck Surgery. Brandenburg, J. H. and Lee, C. Y. S. .... 1851

Nitrous Oxide Supplemented General Anesthesia and Polyethylene Ventilation Tube Insertion for Atelectatic Tympanic Membrane Reversal. A Preliminary Report. Graham, M. D. and Knight, P. R. .... 1469

Nocturnal Oxygen Desaturation and Sleep Breathing — Effect of Nasal Packing. Taasan, V., Wynne, J. W., Cassisi, N. and Block, A. J. .... 1163

Noise Exposed Workers — Acoustic Neurinoma. Miller, M. H., Doyle, T. J. and Geier, S. R. .... 363

Non-Hodgkins Lymphomas T-B Immunological Classification — Clinical Prognostic Significance. Ogasawara, H., Fujitani, T., Mizogiri, G. and Hattori, H. .... 125

Non-Invasive Method of Qualitative and Quantitative Measurement of Drugs. Westerman, S. T. and Gilbert, L. M. .... 1536

Non-Traumatic Cerebrospinal Fluid Rhinorrhea. Shugar, J. M. A., Som, P. M., Eisman, W. and Biller, H. F. .... 114

Nose (Crooked) Surgery. Patterson, C. N. .... 939

Nose — Heat Exchange. Taylor, M. .... 1606

Nose — Lymphoreticular Neoplasm. Kronschnabel, E. F. .... 1595

Nose and Paranasal Sinuses — Management of Inverted Papilloma. Myers, E. N., Schramm, V. L., Jr. and Barnes, E. L. ....	2071
Nose, "Right Hooked" — Correction. Mann, D. G. and Pillsbury, H. C. ....	1562
Nose — Some Effects of Respired Environment. Ballenger, J. J. ....	1622
Nose Temporary Artificial Obstruction and Changes in Gas Exchange in the Blood. Cveticnić, V., Cveticnić, S. and Grbac, I. ....	1001
Nose, Unilateral Cleft Palate — Secondary Surgical Treatment of Intranasal Deformities. Lowenthal, G. ....	1641
Nystagmus (Caloric) — Effects of Age, Sex, Hearing Loss and Water Temperature. Karlsen, E. A., Hassanein, R. M. and Goeltzinger, C. P. ....	620
Nystagmus (Recovery) in Ménière's Disease. McClure, J. A., Copp, J. C. and Lyett, P. ....	1727
<b>O</b>	
Objective Approach to Subjective Testing for Sensation of Taste and Smell. Westerman, S. T. ....	301
Obliteration (Total) of the Mastoid, Middle Ear, and External Auditory Canal. A Review of 27 Cases. Bartles, L. J. and Sheehy, J. L. ....	1100
Occult Neoplasms in Facial Paralysis. Conley, J. and Selfe, R. W. ....	205
Oculomotor and Vestibular Disturbances in Pathology of the Fourth Ventricle. Katsarkas, A. ....	71
Office Myringotomy for Acute Otitis Media: Its Value in Preventing Middle Ear Effusion. Schwartz, R. H., Rodriguez, W. J. and Schwartz, D. M. ....	616
Only Hearing Ear — Endolymphatic Subarachnoid Shunt for Meniere's Disease. Pulec, J. L. ....	771
Only-Hearing-Ear Surgery, Althaus, S. R. ....	765
Open Heart Surgery Followed by Unilateral Sudden Hearing Loss: A Detailed Study of Seven Cases. Plasse, H. M., Mittelman, M. and Frost, J. O. ....	101
Optic Nerve — Sphenooethmoid Approach. Sofferan, R. A. ....	184
Oral Cavity Carcinoma — Surgical Rehabilitation Following Anterior Resection. Donald, P. J. ....	1941
Oral Ulcers — Cutaneous Aids in Diagnosis. Armstrong, R. B. ....	31
Orbital Blowout Fractures — Repair with Marlex Mesh and Gelfilm. Burres, S. A., Cohn, A. M. and Mathog, R. H. ....	1881
Ossifying Fibroma of the Head and Neck: Involvement of Temporal Bone. Levine, P. A., Wiggins, R., Archibald, R. W. R. and Britt, R. ....	720
Osteoplastic Frontal Sinusotomy — Transillumination. Hybels, R. L. ....	1560
Osteoplastic-Obliterative Frontal Sinusotomy — Indications and Methods of Performance. Description of a New Method and Some Remarks upon the Present State of the Art of External Frontal Sinus Surgery. Guggenheim, P. ....	927
Otitis, Malignant External: The Diagnostic Value of Bone Scintigraphy. Ostfeld, E., Aviel, A. and Pelet, D. ....	960
Otitis, Malignant External: Early Histopathologic Changes and Pathogenic Mechanism. Ostfeld, E., Segal, M. and Czernobilsky, B. ....	965
Otitis Media (Acute) — Office Myringotomy: Its Value in Preventing Middle Ear Effusion. Schwartz, R. H., Rodriguez, W. J. and Schwartz, D. M. ....	616
Otitis Media (Chronic) and Cholesteatoma Following Middle Ear Intubation. Buckingham, R. A. ....	1450
Otitis Media (Chronic) — Studies on Anaerobic Bacteria. Sugita, R., Kawamura, S., Ichikawa, G., Goto, S. and Fujimaki, Y. ....	816
Otitis Media Prone Child — Tympanostomy Tubes. Gebhard, D. R. ....	849
Otolaryngologic Presentation of Botulism. Shugar, M. A., Granich, M. S. and Reardon, E. J. ....	121

Otomastoid Cholesteatomas with Intact Eardrum. Cross, J. P., Jr. ....	1145
Otomycosis Treated with Merthiolate. Schneider, M. L. ....	1194
Otosclerotic Unoperated-On Ear — Sensorineural Hearing Loss. DuVall, M. D., Caparosa, R. J. and Bailey, H. A. T., Jr. ....	197
Ototoxicity (Freedom from) in Aminoglycoside Treated Neonates: A Mistaken Notion. Bernard, P. A. ....	1985
Overall Management of Salivary Gland Disorders. Eichel, B. S., Bray, D. A. and Kaplan, H. J. ....	504

**P**

Packs (Posterior) and the Nasopulmonary Reflex. Jacobs, J. R., Levine, L. A., Davis, H., Lefrak, S. S., Druck, N. S. and Ogura, J. H. ....	279
Pain, Carotid Vascular — A Simple Treatment. Nair, K. K. ....	605
Papilloma of the Nose and Paranasal Sinuses — Management. Myers, E. N., Schramm, V. L., Jr. and Barnes, E. L. ....	2071
Paragangliomas, Familial Non-Chromaffinic (Glomus Tumors): Clinical Aspects. Baars, F. van, Broek, P. van den, Cremers, C. and Veldman, J. ....	988
Paralysis — Bilateral Vocal Cord — Following General Anesthesia. Nuutinen, J. and Karja, J. ....	83
Paranasal Sinuses and Nose — Management of Inverted Papilloma. Myers, E. N., Schramm, V. L., Jr. and Barnes, E. L. ....	2071
Parotid Gland Metastatic Malignant Disease. Yarington, C. T., Jr. ....	517
Pathogenic Mechanism and Early Histopathologic Changes in Malignant External Otitis. Ostfeld, E., Segal, M. and Czernobilsky, B. ....	965
Pathological-Clinical Determinants in Prognosis of Fibrous Histiocytomas of the Head and Neck. Blitzer, A., Lawson, W., Zak, F. G., Biller, H. F. and Som, M. L. ....	2053
Patterns of Velopharyngeal Valving in Normal and Cleft Palate Subjects: A Multiview Videofluoroscopic and Nasendoscopic Study. Croft, C. B., Shprintzen, R. J. and Rakoff, S. J. ....	265
Pediatric Patients with Sinus Infection and Adenotonsillitis. Paul, D. ....	997
Perforations (Tympanic Membrane) Secondary to Ventilation Devices. Wilson, D. F. ....	877
Perichondritis of the Auricle. Bassiouni, A. ....	422
Pericranial Flap for the Closure of Defects of Craniofacial Resections. Johns, M. E., Winn, H. R., McLean, W. C. and Cantrell, R. W. ....	952
Perilymph and Endolymph (Cochlear) — Steep Gradients of Amino Acids. Thalmann, R., Comegys, T. H., DeMott, J. E. and Thalmann, I. ....	1785
Perilymph Fistulas. Althaus, S. R. ....	538
Perilymph Hypertension and the Indirect Measurement of Cochlear Pressure. Goode, R. L. ....	1706
Perilymphatic Fistulas. Love, J. T., Jr. and Waguestack, R. W. ....	1118
Peritonsillar Abscesses in Children. Holt, G. R. and Tinsley, P. P., Jr. ....	1226
Petrosus Apex Cholesteatoma. Yanagihara, N. and Matsumoto, Y. ....	272
Pinch Scissors Technique for Motor Nerve Dissection. Sachs, M. E. and Conley, J. ....	822
Plasmacytoma Arising in the Vicinity of a Foreign Body in the Nasal Cavity. Ben-David, J., Fradis, M., Podoshin, L. and Bartal, A. H. ....	1150
Pneumonia Diagnosis in Pediatric Immunosuppressed Patients — Bronchoscopy as an Aid. Dudley, J. P. and Martin, W. J. ....	1379
Polyposis and Mucoceles (Unilateral) in Children. Finn, D. G., Hudson, W. R. and Baylin, G. ....	1444
Polytomography and Congenital External and Middle Ear Anomalies. Wright, J. W., Jr. ....	1806
Polytomography in Meniere's Disease: An Update. Austin, D. F. ....	1669

Positive Pressure in Cholesterol Granuloma Idiopathic Blue Eardrum. Farrior, B., Kampsen, E. and Farrior, J. B. ....	1286
Posterior Packs and the Nasopulmonary Reflex. Jacobs, J. R., Levine, L. A., Davis, H., Lefrak, S. S., Druck, N. S. and Ogura, J. H. ....	279
Presidential Address — The Triological Society and You. Proud, G. O. ....	501
Pressure (Positive) of Cholesterol Granuloma Idiopathic Blue Eardrum. Farrior, B., Kampsen, E. and Farrior, J. B. ....	1286
Primary Hyperparathyroidism and Laryngeal Carcinoma: A Cause of Associated Hypercalcemia. Harr, J. G. and Boulos, E. J. ....	1937
Primary Malleus Fixation: Diagnosis and Treatment. Moon, C. N., Jr. and Hahn, M. J. ....	1298
Primary Syphilis of the Tonsil: Presentation of Four Cases. Viers, W. A. ....	1507
Prosthesis, Laryngeal — New Technique for Insertion. Henley-Cohn, J. ....	1957
Pulmonary Disease, Active — Synchronous Involvement of Both Ears and the Larynx. Anderson, C. W. and Stevens, M. H. ....	906
Puncture Therapy (Sinus): Canine Fossa Puncture Method. Petersen, R. J. ....	2126
Pyriform Sinus Carcinoma — Radical Irradiation. Million, R. R. and Cassisi, N. J. ....	439
Qualitative and Quantitative Measurement of Drugs — Non-Invasive Method. Westerman, S. T. and Gilbert, L. M. ....	1536
R	
Radiation Therapy and Surgery (Combined) for Carcinoma of the Larynx and Inferior Hypopharynx — Complications. Thawley, S. E. ....	677
Radical Irradiation for Carcinoma of the Pyriform Sinus. Million, R. R. and Cassisi, N. J. ....	439
Radiographic Temporal Bone Template as an Aid in Vestibular Nerve Section. Deeb, Z., Rotenberg, D., McIntyre, J. and Black, F. O. ....	649
Radioisotope Scans — Use in the Preoperative Evaluation of Epidermoid Carcinoma of the Head and Neck. King, A. I. and Johnson, P. E. ....	1052
Radiological Techniques for Small Acoustic Tumors — A Re-Evaluation. Kaseff, L. G., Perkins, R. and Hambley, W. H. ....	63
Rare Complications Following Ethmoidectomies: A Report of Eleven Cases. Maniglia, A. J., Chandler, J. R., Goodwin, W. J., Jr. and Flynn, J. ....	1234
Rare-Earth Magnet Couplers — Use in Cochlear Implants. Dormer, K. J., Richard, G. L. and Nordquist, R. ....	1813
Reconstruction (Primary) and Surgical Excision of a Moderate Size Tumor Involving the Nasal Tip and Dorsum. Henley-Cohn, J. ....	306
Reconstructions, Primary — Irradiated Autogenous Mandibular Grafts. Hamaker, R. C. ....	1031
Recovery Nystagmus in Ménière's Disease. McClure, J. A., Copp, J. C. and Lycett, P. ....	1727
Recurrent Cementifying Fibroma of the Jaws. Sweet, R. M., Bryarly, R. C., Kornblut, A. D. and Corio, R. L. ....	1137
Recurrent Laryngeal Nerve Damage Following Formalin Infiltration of Ductus Arteriosus. Seibert, R. W., Seibert, J. J., Norton, J. B. and Williams, D. ....	392
Recurrent Vestibulopathy. Leliever, W. C. and Barber, H. O. ....	1
Rehabilitation, Surgical, Following Anterior Resection for Oral Cavity Carcinoma. Donald, P. J. ....	1941
Renal Failure (Chronic) Associated with Hearing Impairment. Kligerman, A. B., Ventry, I. M., Solangi, K. B., Goodman, A. I. and Weseley, S. A. ....	583
Repair of Orbital Blowout Fractures with Marlex Mesh and Gelfilm. Burres, S. A., Cohn, A. M. and Mathog, R. H. ....	1881
Responses to Low-Frequency Harmonic Acceleration in Patients with Acoustic Neuromas. Olson, J. E., Wolfe, J. W. and Engelken, E. J. ....	1270
Results Following Cochlear Implantation and Rehabilitation. Engelmann, L. R., Waterfall, M. K. and Hough, J. V. D. ....	1821

Retropharyngeal Cellulitis. Schlossberg, D. and Fugate, J. S. ....	1738
Revision Stapedectomy: A Review of 258 Cases. Sheehy, J. L., Nelson, R. A. and House, H. P. ....	43
Rhinitis Medicamentosa. Toohill, R. J., Lehman, R. H., Grossman, T. W. and Belson, T. P. ....	1614
Rhininitis, Vasomotor — An Update. Bickmore, J. T. ....	1600
Rhinorrhea — Non-Traumatic Cerebrospinal Fluid. Shugar, J. M. A., Som, P. M., Eisman, W. and Biller, H. F. ....	114
Rhomboid to W-Plasty Technique for Lesions of the Nasal Dorsum. Freeman, R. B. and Sobol, S. M. ....	475
Rhytidectomy Technique — Two Layer, Four Flap. Kamer, F. M. and Hunter, D. ....	829
Rotary Chair Results in Comparison to ENG Findings. Pappas, D. G. ....	1278
Rotation and Advancement Flaps — Biomechanics. Larrabee, W. F., Jr. and Sutton, D. ....	726
Rotation Flap for Low Posterior Auricular Defects. Templer, J., Davis, W. E. and Thomas, J. R. ....	826
Round Window Membrane Following Application of Staphylococcal Exotoxin: An Electron Microscopic Study. Schachern, P. A., Paparella, M. M., Goycoolea, M., Goldbert, B. and Schlievert, P. ....	2007
 S	
Salivary Gland Disorders — Overall Management. Eicher, B. S., Bray, D. A. and Kaplan, H. J. ....	504
Salivary Gland (Major) Masses — Incidence of Neoplastic vs. Inflammatory Disease Diagnosed by Surgery. Gallia, L. J. and Johnson, J. T. ....	512
Scans, Radioisotope — Use in the Preoperative Evaluation of Epidermoid Carcinoma of the Head and Neck. King, A. I. and Johnson, P. E. ....	1052
Schwannoma (Solitary) Relationship to Gross and Microscopic Anatomy of Eighth Cranial Nerve. Neely, J. G. ....	1512
Seborrhea (Ear Canal) Management with Cerumen. Storrs, L. A. ....	1231
Secondary Surgical Treatment of Intranasal Deformities of the Unilateral Cleft Palate Nose. Lowenthal, G. ....	1641
Selective Facial Neurectomy for Essential Blepharospasm. Spector, G. J., Smith, P. G. and Burde, R. M. ....	1896
Sensitivities (Food) Production — Immunologic Mechanisms. Trevino, R. J. ....	1913
Sensorineural Hearing Loss in the Otosclerotic Unoperated-On Ear. DuVall, M. D., Caparosa, R. J. and Bailey, H. A. T., Jr. ....	197
Septorhinoplasty, External. A Tool for Teaching and for Improved Results. Wright, W. K. and Kridel, R. W. H. ....	945
Severe Complication of a Zenker's Diverticulum with Endoscopic Diverticulotomy Rescued. White, I. L. ....	708
SHA as a Modality for Monitoring Patient Progress. Rubin, W. ....	1282
SHA Test in Vestibular Diagnosis. Rubin, W. ....	1702
Sialometaplasia (Necrotizing) in the Setting of Acute and Chronic Sinusitis. Granich, M. S. and Pilch, B. Z. ....	1532
Sialometaplasia, Necrotizing. Gavron, J. P., Ardito, J. A. and Curtis, A. W. ....	1176
Simultaneous (Non-Epidermoid) Neoplasms Involving the Head and Neck. Strauss, M. and Sharkey, F. E. ....	432
Singer-Bloom Speech Rehabilitation Procedure. Wetmore, S. J., Krueger, K. and Westson, K. ....	1109
Sinus Infection and Adenotonsillitis in Pediatric Patients. Paul, D. ....	997
Sinus (Maxillary) Carcinoma. Lee, F. and Ogura, J. H. ....	133
Sinus and Nasal Resection — Sublabial Approach. Allen, G. W. and Siegel, G. J. ....	1635
Sinus Puncture Therapy: Canine Fossa Puncture Method. Petersen, R. J. ....	2126

Sinuses, Normal Maxillary — Aerobic and Anaerobic Bacterial Flora. Brook, I. ....	372
Sinusitis (Acute and Chronic) Setting for Necrotizing Sialometaplasia. Granich, M. S. and Pilch, B. Z. ....	1532
Sinusotomy, Osteoplastic Frontal — Transillumination. Hybels, R. L. ....	1560
Sinusotomy, Osteoplastic-Obliterative Frontal — Indications and Methods for Performance. Description of a New Method and Some Remarks upon the Present State of the Art of External Frontal Sinus Surgery. Guggenheim, P. ....	927
Skin Craft (Split Thickness) Donor Sites — Dressings. Weymuller, E. A., Jr. ....	652
Skin Invasion (Anterior Cervical) with Advanced Laryngeal Carcinoma — Sliding Chest Wall Flap for Management. Bogdasarian, J., Healy, G. B., Di Troia, J., Shapshay, S. M. and Strong, M. S. ....	644
Sleep Apnea Syndrome — An Alternative Treatment to Tracheostomy. Afzelius, L.-E., Elmqvist, D., Hougaard, K., Laurin, S., Nilsson, B. and Risberg, A. M. ....	285
Sleep Breathing and Nocturnal Oxygen Desaturation — Effects of Nasal Packing. Taasan, V., Wynn, J. W., Cassisi, N. and Block, A. J. ....	1163
Sliding Chest Wall Flap for the Management of Advanced Laryngeal Carcinoma with Anterior Cervical Skin Invasion. Bogdasarian, J., Healy, G. B., Di Troia, J., Shapshay, S. M. and Strong, M. S. ....	644
Sling, Myofascial (Temporalis) Dynamic Sling. Duckert, L. G. and Cummings, C. W. ....	1963
Small Fenestra Stapedectomy. Bailey, H. A. T., Pappas, J. J. and Graham, S. S. ....	1308
Some Effects of the Respired Environment on the Nose. Ballenger, J. J. ....	1622
Space Infections of the Head and Neck — Complications. Wills, P. I. and Vernon, R. P., Jr. ....	1129
Speech Rehabilitation Procedure, Singer-Blom. Wetmore, S. J., Krueger, K. and Wesson, K. ....	1109
Sphenooethmoid Approach to the Optic Nerve. Sofferan, R. A. ....	184
Sphenoid Sinus — Transseptal Approach. Hybels, R. L. and Freidberg, S. R. ....	1754
Spontaneous Return of Facial Motion Following Seventh Cranial Nerve Resection. Norris, C. W. and Proud, G. O. ....	211
Staffieri Neoglottis — Electroglottographic Studies. Lecluse, F. L., Tiwari, R. M. and Snow, G. B. ....	971
Staged Tracheal Reconstruction. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Biller, H. F. and Lawson, W. ....	217
Stapedectomy — Hearing Changes: A Six Year Follow-up. Ginsberg, I. A., Hoffman, S. R. White, T. P. and Stinziato, G. D. ....	87
Stapedectomy — Revision: A Review of 258 Cases. Sheehy, J. L., Nelson, R. A. and House, H. P. ....	43
Stapedectomy, Small Fenestra. Bailey, H. A. T., Pappas, J. J. and Graham, S. S. ....	1308
Stapedectomy Technique. Kopstein, E. ....	304
Stapedial Otosclerosis — Failures in Surgery. Freeman, J. ....	1245
Staphylococcal Exotoxin Application — Round Window Membrane. An Electron Microscopic Study. Schachern, P. A., Paparella, M. M., Goycoolea, M., Goldbert, B. and Schlievert, P. ....	2007
Steep Gradients of Amino Acids Between Cochlear Endolymph and Perilymph. Thalmann, R., Comegys, T. H., DeMott, J. E. and Thalmann, I. ....	1785
Stenosis (Advanced Laryngotracheal) Management by Use of Composite Nasal Septal Graft. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Toohill, R. J. ....	233
Stenosis (Canal) Management with a Transposition Flap. Adkins, W. Y. and Osguthorpe, J. D. ....	1267
Stenosis, Combined Advanced Glottic and Subglottic, in Infancy and Childhood — Management. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Cotton, R. T., Richardson, M. A. and Seid, A. B. ....	221

Stenosis, Congenital Cricoid. Morimitsu, T., Okada, S., Matsumoto, I., Takahashi, M. and Kosugi, T. ....	1356
Stenosis, Laryngotracheal. Treated with Hyoid Graft. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Thawley, S. E. and Ogura, J. H. ....	226
Stenosis, Staged Tracheal Reconstruction. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Biller, H. F. and Lawson, W. ....	217
Stenosis, Tracheal. Counteracted by Superiorly Based Tracheostomal Flap. Eliacher, I., Goldsher, M., Joachims, H. Z., Mordechovich, D. and Shohat, S. ....	976
Stridor (Congenital Laryngeal) Secondary to Flaccid Epiglottis, Anomalous Accessory Cartilages and Redundant Aryepiglottic Folds. Templer, J., Hast, M., Thomas, J. R. and Davis, W. E. ....	394
Studies on Anaerobic Bacteria in Chronic Otitis Media. Sugita, R., Kawamura, S., Ichikawa, G., Goto, S. and Fujimaki, Y. ....	816
Study of the Effects of Cardiopulmonary Bypass Surgery on Auditory Function. Shapiro, M. J., Purn, J. M. and Raskin, C. ....	2047
Stylohamular Dissection: A New Method for En Bloc Resection of Malignancies of the Infratemporal Fossa. Friedman, W. H., Katsantonis, G. P., Cooper, M. H. and Lee, J. M. ....	1869
Subglottic Hemangioma in Infants — Treatment by Cryocauterization. Jokinen, K., Palva, A. and Karja, J. ....	78
Sublabial Approach for Extensive Nasal and Sinus Resection. Allen, G. W. and Siegel, G. J. ....	1635
Subtotal Laryngectomy. Pearson, B. W. ....	1904
Sudden Hearing Loss (Unilateral) after Open Heart Surgery: A Detailed Study of Seven Cases. Plasse, H. M., Mittleman, M. and Frost, J. O. ....	101
Superiorly Based Tracheostomal Flap to Counteract Tracheal Stenosis. Eliachar, I., Goldsher, M., Joachims, H. Z., Mordechovich, D. and Shohat, S. ....	976
Surgery of the Crooked Nose. Patterson, C. N. ....	939
Surgery of the Endolymphatic Sac. Maddox, H. E., III. ....	1058
Surgery on the Only-Hearing-Ear. Althaus, S. R. ....	765
Surgery and Radiation Therapy (Combined) for Carcinoma of the Larynx and Inferior Hypopharynx — Complications. Thawley, S. E. ....	677
Surgical Correction of Choanal Atresia in the Neonate. Lantz, J. H. and Birck, H. G. ....	1629
Surgical Excision and Primary Reconstruction of a Moderate Size Tumor Involving the Nasal Tip and Dorsum. Henley-Cohn, J. ....	306
Surgical Rehabilitation Following Anterior Resection for Oral Cavity Carcinoma. Donald, P. J. ....	1941
Suturing Techniques in Endolaryngeal Surgery. Kirchner, F. R. ....	1860
Synchronous Involvement of Both Ears and the Larynx in a Patient with Active Pulmonary Disease. Anderson, C. W. and Stevens, M. H. ....	906
Syphilis: An Otolaryngologic Perspective. McNulty, J. S. and Fassett, R. L. ....	889
Syphilis (Primary) of the Tonsil: Presentation of Four Cases. Viers, W. A. ....	1507
T	
Taste and Smell Sensation Subjective Testing — Objective Approach. Westerman, S. T. ....	301
T-B Immunological Classification of Non-Hodgkin's Lymphomas — Clinical Prognostic Significance. Ogasawara, H., Fujitani, T., Mizogiri, G. and Hattori, H. ....	125
Technique for Electromyographic Evaluation of Intrinsic Laryngeal Muscle Activity in Man. Rafferty, T. C. and Sasaki, C. ....	1191
Technique (Pinch Scissors) for Motor Nerve Dissection. Sachs, M. E. and Conley, J. ....	822
Technique of Stapedectomy. Kopstein, E. ....	304
Telangiectatic Lesions, Cutaneous — Argon Laser Destruction. Lyons, G. D., Owens, R. E. and Mouney, D. F. ....	1322

Template — Radiographic Temporal Bone — as an Aid in Vestibular Nerve Section. Deeb, Z. L., Rotenberg, D., McIntyre, J. and Black F. O. ....	649
Temporal Bone Involvement in Ossifying Fibroma of the Head and Neck. Levine, P. A., Wiggins, R., Archibald, R. W. R. and Britt, R. ....	720
Temporal Bone Template (Radiographic) as an Aid in Vestibular Nerve Section. Deeb, Z., Rotenberg, D., McIntyre, J. and Black, F. O. ....	649
Temporalis Myofascial Dynamic Sling. Duckert, L. G. and Cummings, C. W. ....	1963
Temporary Artificial Obstruction of the Nose and Changes in Gas Exchange in the Blood. Cveticic, V., Cveticic, S. and Grbac, I. ....	1001
Test, Acoustic Reflex, in Cochlear and Eighth Nerve Pathology Ears. Sanders, J. W., Josey, A. F., Glasscock, M. E., III and Jackson, C. G. ....	787
Testing (Subjective) — Objective Approach for Sensation of Taste and Smell. Westerman, S. T. ....	301
Thorotrust — Evidence of Prior Intranasus Instillation: Collision Tumor of the Frontal Sinus. Cantor, J. O., Adelglass, J., Cerreta, J. M., Kancherla, P. L. and Samara, M. ....	798
Thrombocytopenic Purpura-Like Syndrome (Autoimmune) in a Patient with Head and Neck Cancer. Jubelirer, S. J., Coodloe-Greens, L. and Deykin, D. ....	408
Thyroid Tumors (Secondary) — Aerodigestive Dysfunction. Calcaterra, T. C. and Maceri, D. R. ....	701
Tinnitus, Central — Diagnosis and Treatment. Shulman, A. and Seitz, M. R. ....	2025
Tinnitus: Development of a Neurophysiologic Correlate. Sasaki, C. T., Babitz, L. and Kauer, J. S. ....	2018
Tomography, Computed (High Resolution) in the Staging of Carcinoma of the Larynx. Sagel, S. S., AufderHeide, F. J., Aronberg, D. J., Stanley, R. J. and Archer, C. R. ....	292
Tomography (Dynamic Computed) — Evaluation of the Regional Blood Circulation. Valvassori, G. E., Mafee, M. F. and Dobben, G. D. ....	1695
Tongue (Oral) Carcinoma: A Study of Patient Selection and Treatment Results. Marks, J. E., Lee, F., Freeman, R. B., Zivnuska, F. R. and Ogura, J. H. ....	1548
Tongue Release Using CO <sub>2</sub> Laser. Liston, S. L. and Giordana, A., Jr. ....	1010
Tonsil — Primary Syphilis: Presentation of Four Cases. Viers, W. A. ....	1507
Tonsillectomy Complications as Originally Described by Samuel J. Crowe, M. D., Catlin, F. I. ....	52
Torok Monothermal Differential Caloric Test — Diagnostic Advantages. Kumar, A. ....	1679
TORP and PORP — Alternate Way of Using. Palva, T. ....	1960
Total Obliteration of the Mastoid, Middle Ear, and External Auditory Canal. A Review of 27 Cases. Bartles, L. J. and Sheehy, J. L. ....	1100
Tracheal Reconstruction, Staged. Panel Discussion: Management of Advanced Laryngotracheal Stenosis. Biller, H. F. and Lawson, W. ....	217
Tracheomalacia (Severe) — Long Custom-Made Plastic Tracheostomy Tube. Shapiro, R. S. and Martin, W. M. ....	355
Tracheostomal Flap, Superiorly Based, to Counteract Tracheal Stenosis. Eliachar, I., Goldsher, M., Joachims, H. Z., Mordechovich, D. and Shohat, S. ....	976
Tracheostomy Alternative Treatment — Sleep Apnea Syndrome. Afzelius, L.-E., Elmquist, D., Hougaard, K., Laurin, S., Nilsson, B. and Risberg, A. M. ....	285
Tracheostomy Tube (Long Custom-Made Plastic) in Severe Tracheomalacia. Shapiro, R. S. and Martin, W. M. ....	355
Transillumination During Osteoplastic Frontal Sinusotomy. Hybels, R. L. ....	1560
Transpharyngeal Missile Wounds to the Cervical Spine — Treatment. Schaefer, S. D., Bucholz, R. W., Jones, R. E., Anderson, R. G. and Carder, H. M. ....	146
Transposition Flap in Management of Canal Stenosis. Adkins, W. Y. and Osguthorpe, J. D. ....	1267
Transseptal Approach to the Sphenoid Sinus. Hybels, R. L. and Friedberg, S. R. ....	1754
Trapezius Myocutaneous Island Flap. Gantz, B. J. and Panje, W. R. ....	1196

Treatment of Carcinoma of the Vocal Cord. A Review of 20 Years Experience. Woodhouse, R. J., Quivey, J. M., Fu, K. K., Sien, P. S., Dedo, H. H. and Phillips, T. L. ....	1155
Treatment of Transpharyngeal Missile Wounds to the Cervical Spine. Schaefer, S. D., Buchholz, R. W., Jones, R. E., Anderson, R. G. and Carder, H. M. ....	146
Triological Society and You — Presidential Address. Proud, G. O. ....	501
T-Tube Inserter — Tympanostomy. Joachims, H. Z., Eliachar, I. and Avron, J. ....	472
Tuberculoma of the Nasopharynx. Goodman, R. S., Mattel, S., Kaufman, D. and Grant, J. M. ....	794
Tuberculosis, Laryngeal. Espinoza, C. G., Montano, P. and Saba, S. R. ....	110
Tuberculosis, Nasal: A Forgotten Entity. Waldman, S. R., Levine, H. L., Sebek, B. A., Parker, W. and Tucker, H. M. ....	11
Tuberculous Laryngitis: A Series of 37 Patients. Bailey, C. M. and Windle-Taylor, P. C. ....	83
Tumor (Acoustic) Surgery with Argon Laser. Glasscock, M. E., III, Jackson, C. G. and Whitaker, S. R. ....	1405
Tumor (Collision) of the Frontal Sinus: Evidence of Prior Intranasin Instillation of Thorotrast. Cantor, J. O., Adelglass, J., Cerreta, J. M., Kancharla, P. L. and Samara, M. ....	798
Tumor (Isolated Middle Ear) vs. Cholesterol Granuloma. Miglets, A. W. and Booth, J. B. ....	410
Tumor (Moderate Size) Involving the Nasal Tip and Dorsum — Surgical Excision and Primary Reconstruction. Henley-Cohn, J. ....	306
Tumor Registry System for the Private ENT Office. Wade, J. M. ....	469
Tumors (Acoustic) and Hearing Conservation — the Contralateral Ear. Clemis, J. D., Masticola, P. G. and Schuler-Vogler, M. ....	1792
Tumors, Cerebellopontine Angle — Auditory Brain Stem Responses. Shanon, E., Gold, S. and Himelfarb, M. Z. ....	254
Tumors, Glomus — Familial Non-Chromaffinic Paragangliomas: Clinical Aspects. Baars, F. Van, Broek, P., van den, Cremers, C. and Veldman, J. ....	988
Tumors, Intratemporal Vascular — Management. Mangham, C. A., Carberry, J. N. and Brackmann, D. E. ....	867
Tumors (Small Acoustic), Radiologic Techniques — A Re-Evaluation. Kaseff, L. G., Perkins, R. and Hambley, W. H. ....	63
Tumors, Thyroid (Secondary) — Aerodigestive Dysfunction. Calcaterra, T. C. and Maccari, D. R. ....	701
Two Layer, Four Flap Rhynidectomy Technique. Kamer, F. M. and Hunter, D. ....	829
Tympanic Membrane Perforations Secondary to Ventilation Devices. Wilson, D. F. ....	877
Tympanomastoidectomy and Tympanoplasty (Intact Canal Wall) — Homograft Septal Cartilage for Attic Support. Pappas, J. J., Bailey, H. A. T., Jr., McGrew, R. N. and Graham, S. S. ....	1457
Tympanoplasty — Aeration of the Middle Ear and Mastoid. Wehrs, R. E. ....	1463
Tympanoplasty for Atelectatic Ears — Experience. Paparella, M. M. and Jung, T. T. K. ....	1472
Tympanoplasty. Mann, D. G. and Sasaki, C. T. ....	1381
Tympanoplasty Surgery (Various Aspects) — Use of the Williams Microclip. Weider, D. L. ....	2106
Tympanostomy T-Tube Inserter. Joachims, H. Z., Eliachar, I. and Avron, J. ....	472
Tympanostomy Tubes in the Otitis Media Prone Child. Gebhart, D. R. ....	849
Tympanotomy Tubes and Water — Are They Compatible? Jaffe, B. F. ....	563
U	
Ulcers (Oral) — Cutaneous Aids in Diagnosis. Armstrong, R. B. ....	31
Unilateral Polyposis and Mucoceles in Children. Finn, D. G. and Hudson, W. R. and Baylin, G. ....	1444
Unilateral Sudden Hearing Loss after Open Heart Surgery: A Detailed Study of Seven Cases. Plasse, H. M., Mittleman, M. and Frost, J. O. ....	101

Upper Airway and Related Structures Malignancies Development — Immunosuppression. Harris, J. P. and Penn, I. ....	520
Use of Radioisotope Scans in the Preoperative Evaluation of Epidermoid Carcinoma of the Head and Neck. King, A. I. and Johnson, P. E. ....	1052
Use of Rare-Earth Magnet Couplers in Cochlear Implants. Dorner, K. J., Richard, G. L. Hough, J. V. D. and Nordquist, R. ....	1813
<b>V</b>	
Vascular Pain (Carotid) — A Simple Treatment. Nair, K. K. ....	605
Vascular Tumors, Intratemporal — Management. Mangham, C. A., Carberry, J. N. and Brackmann, D. E. ....	867
Vasomotor Rhinitis — An Update. Bickmore, J. T. ....	1600
Velopharyngeal Valving Patterns in Normal and Cleft Palate Subjects: A Multiview Videofluoroscopic and Nasendoscopic Study. Croft, C. B., Shprintzen, R. J. and Rakoff, S. J. ....	265
Ventilation Devices — Tympanic Membrane Perforations. Wilson, D. F. ....	877
Ventilation, Long-Term Middle Ear. Per-Lee, J. H. ....	1063
Ventilation (Middle Ear) with Castelli Membrane Tube. Plotkin, R. P. ....	1173
Ventilation Tube (Polyethylene) Insertion and Nitrous Oxide Supplemented General Anesthesia for Atelectatic Tympanic Membrane Reversal. A Preliminary Report. Graham, M. D. and Knight, P. R. ....	1469
Ventricle (Fourth) Pathology — Vestibular and Oculomotor Disturbances. Katsarkas, A. ....	71
Vertigo and Abnormal Insulin Levels. Proctor, C. A. ....	1657
Vestibular Diagnosis — SHA Test. Rubin, W. ....	1702
Vestibular Nerve Section — Radiographic Temporal Bone Template as an Aid. Deeb, Z. L., Rotenberg, D., McIntyre, J. and Black, F. O. ....	649
Vestibular and Oculomotor Disturbances in Pathology of the Fourth Ventricle. Katsarkas, A. ....	71
Vestibulopathy, Recurrent. Leliever, W. C. and Barber, H. O. ....	1
Vocal Cord Carcinoma — Treatment. A Review of 20 Years Experience. Woodhouse, R. J., Quivey, J. M., Fu, K. K., Sien, P. S., Dedo, H. H. and Phillips, T. L. ....	1155
Vocal Cord Paralysis (Bilateral) Following General Anesthesia. Nuutinen, J. and Karja, J. ....	83
Vocal Symptomatology of Postoperative Dysphonia. Wolfe, V. I. and Ratusnik, D. L. ....	635
Voice Fundamental Frequency of Electrically Elicited Phonation in Rhesus Macaque — Effect of Geniohyoid, Cricothyroid and Sternohyoid Muscle Stimulation. Sapir, S., Campbell, C. and Larson, C. ....	457
<b>W</b>	
Williams Microclip — Use in Various Aspects of Tympanoplasty Surgery. Weider, D. L. ....	2106
Wound Healing — Effect of Preoperative Adriamycin and Dihydroxanthracenedione. Mullen, Mattox, D. E., Von Hoff, D. D. and Hearne, E. H. ....	1436
W-Plasty/Rhomboid Technique for Lesions of the Nasal Dorsum. Freeman, R. B. and Sobol, S. M. ....	475
<b>Z</b>	
Zenker's Diverticulum (Severe Complication) with Endoscopic Diverticulotomy Rescue. White, I. L. ....	708

